

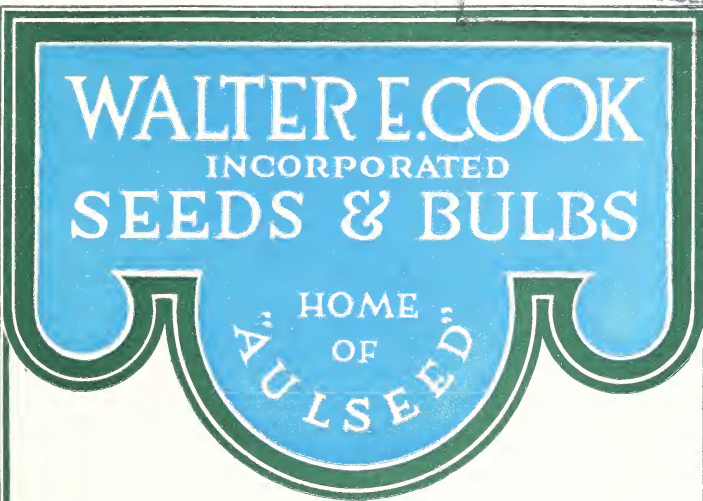
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D. N. Shoemaker

CATALOG 1928

D. N. Shoemaker

# GREETINGS FOR 1928

## Our Eleventh Year Booklet of Seeds and Bulbs

In presenting to you our booklet of seeds and bulbs, beginning our eleventh year of service in this endeavor, we call your attention to the quality that can be had through dealing with those who are making special efforts and study to secure the best. We

are continually striving for better quality and newer varieties in this individual endeavor and feel we are better able to serve you than others who are not familiar with the seed and bulb line.

We feel that the progress we have made is due largely to our many friends who realize our efforts to give service and quality of a higher standard.

Results obtained from our quality, we believe, speaks greater for our success in the past than any booklet compiled with the intention of conveying our claims.



Walter E. Cook  
President



James Fisher  
Sec'y & Treas.

However, in publishing this catalogue it gives us the opportunity to thank our new friends and continued customers for their support in the past, and to assure them of our diligence in securing, in the future, the latest and most rare introductions into the seed world.

However small your order, a trial of our seed gives us the opportunity to convince you of our Quality and Service.

*Walter E. Cook, Inc.*

**WALTER E. COOK, Inc.**

**E. 4th and High Sts., Cleveland, O.**

OUR NEW HOME. Being aware of the condition surrounding our former locations, and the difficulty for some of our customers to reach us, we decided on a downtown location, which would be Central to all parts of the City, ever keeping in mind our most

important business watchword, "Service." Our new store is equipped with all the improved methods of catering to the demands of our customers. Courteous and experienced salesmen are in attendance at all times. You may feel free to ask any questions pertaining to Gardening and be assured of intelligent advice. We list a greater number of varieties of flower and vegetable seeds than any other Seed House in the City, by always keeping in touch with the latest novelties through our European and California connections. A cordial invitation is extended to all garden lovers to visit our establishment, and talk over their Garden problems. This building gives us ample room for further expansion.



Our New Home & Building at E. 4th & High

**NON-WARRANTY.** We, Walter E. Cook, Inc., give no warranty, express, or implied as to the description, quality or productiveness of any of the seeds, bulbs or plants we send out and will not be responsible for the crops. All orders given from our catalog are executed under these conditions only.



# Your Lawn Needs AULSEED



Mr. Harry Coulby's Estate "Coullallenby". Wickliffe, Ohio, where Aulseed is used extensively.

## AULSEED LAWN GRASS COVERS THE GROUND

RE-CLEANED, HEAVY, AND FREE FROM CHAFF, WEIGHING 25 POUNDS PER BUSHEL, WITH HIGH PURITY AND GERMINATION. THE VARIETIES ARE CAREFULLY BLENDED TO INSURE A HARD PERMANENT TEXTURE OF BRIGHT, GREEN TURF.

ONE POUND WILL SOW 250 SQ. FT.

100 POUNDS TO ACRE.

1 lb. \$0.60	3 lbs. \$1.75	5 lbs. \$2.85
10 lbs. \$5.50	25 lbs. \$13.50	100 lbs. \$52.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

# NEW AND RARE DAHLIAS

(Decorative)

**Amun Ra.** Unusual color of coppery bronze shading to gold. Flowers flat with round petals on long sturdy stem. \$1.00 each. \$10.00 doz.

**Dakota.** Splendid habit with blooms held erect on strong stem, flame color. \$1.00 each. \$10.00 doz.

**Earl Williams.** Very attractive of brilliant crimson and white, giant flower \$1.00 each. \$10.00 doz.

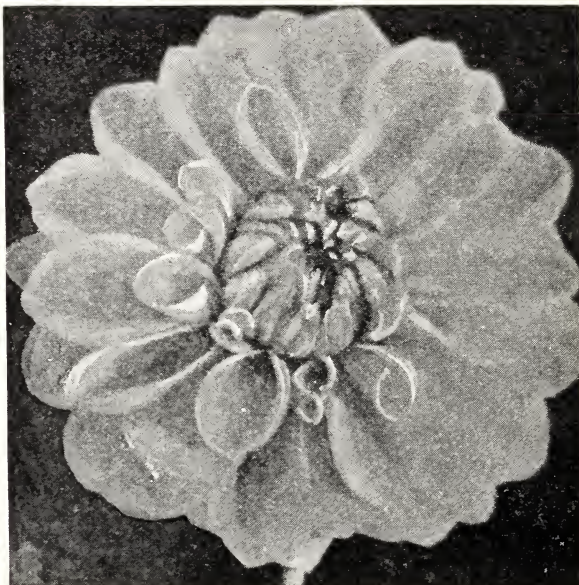
**Harvest Moon.** Deep sulphur yellow, extra fine high color, fine for cutting. \$1.00 each. \$10.00 doz.

**Insulinda.** Deep Havana brown color, the flowers borne upright on strong stiff stems. \$1.00 each. \$10.00 doz.

**Judge Mareau.** Extra large flower of salmon pink, flushed orange and gold. \$1.00 each. \$10.00 doz.

**Mrs. Ide Ver Warner.** Deep mauve pink, abundant bloomer flowers of perfect form, fine for the garden. \$1.00 each. \$10.00 doz.

**The Millionaire.** Giant size flowers of lavender with a faint pink cast. \$1.00 each. \$10.00 doz.



(Hybrid Cactus)

**Autumn Prince.** Beautiful Autumn shade without a doubt one of the best. \$1.00 each. \$10.00 doz.

**General Pershing.** The bright shade of light carmine makes this variety stand out among the garden dahlias. \$1.00 each. \$10.00 doz.

**Jersey Beauty.** Dec. Without doubt the finest pink Decorative Dahlia. Beautiful, large, pink flowers on long, stiff stems. Excellent for cut flower and is a good keeper. \$1.50 each. \$15.00 per Doz.

**Jersey Pride.** Dec. Apricot and Orange. Good stems. \$1.50 each. \$15.00 per Doz.

**Penataquit.** Dec. Beautiful Bronze. Wonderful cut flower and exhibition variety. \$1.00 each. \$10.00 per Doz.

**Mariposa.** H. C. A delightful shade of orchid-pink with deeper center. Very large flower. \$2.00 each. \$20.00 per Doz.

**Sunkiss.** H. C. Yellow edged fawn. One of the best of this type. \$1.50 each. \$15.00 per Doz.

All other varieties, not listed, can be supplied at catalog prices.

## DAHLIA

(Peony Flowered)

**Blossom.** Extra large flowers on strong stems, color white with faint pink shading. \$2.50 each.

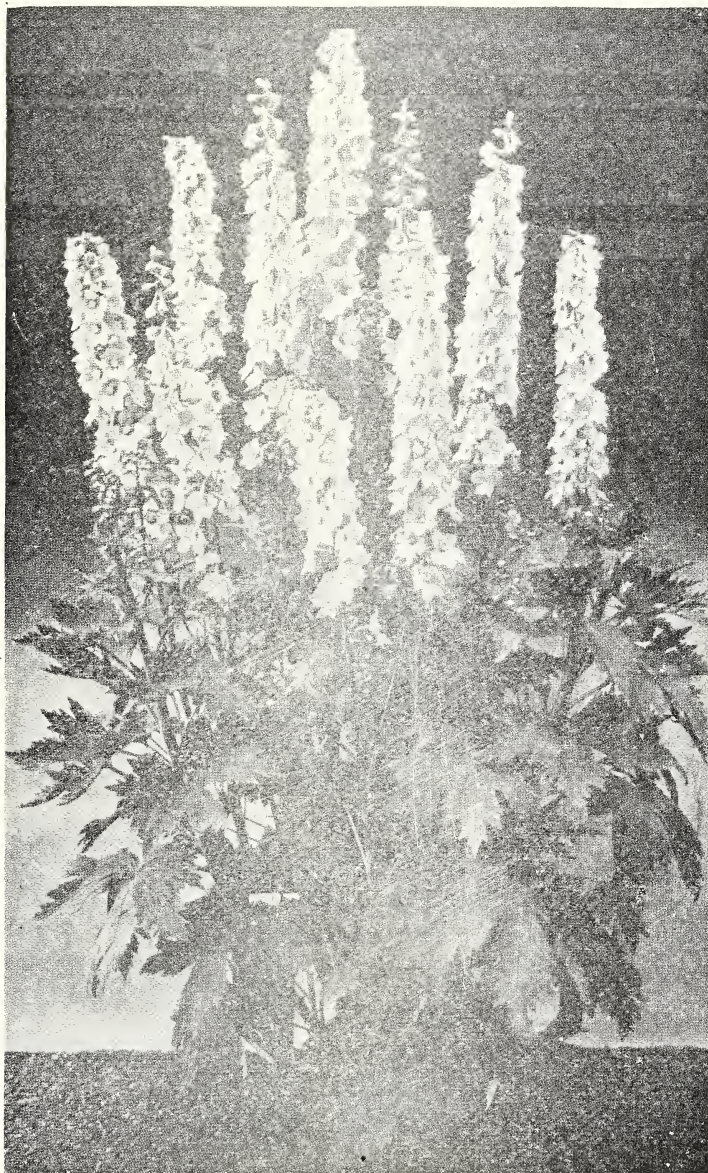
**Elizabeth Boston.** The coloring of this dahlia, deep crimson, shading to old gold, makes it a wonderful variety for all purposes. \$3.50 each.

**Fraulein Budde.** Enormous size, lilac rose, very pleasing strong stems carry the flowers well above the foliage. \$3.50 each.

**Pacific Glow.** One of the best self colors, pure pink, exceptional blooms, borne on strong stems. \$3.50 each.

**Pitti Sing.** Oriental red with gold suffusion makes this variety greatly in demand. \$3.50 each.





## DELPHINIUM

Blackmore and Langdons Hybrids

COOK'S SELECTED

These wonderful New Hybrids have created a sensation wherever shown. Flowers of the most beautiful colors and tints, borne on spikes four to six feet high. Our stock of this seed is saved from specimen plants under our own supervision. Supply limited.

Price \$1.00 per Pkt.    3 Pkts. for \$2.50.



## Novelties and Specialties in Flower Seeds

### NEW ANTIRRHINUM COOK'S SILVER PINK

This delightful Snapdragon has been largely grown in greenhouses during the winter months by florists and gardeners throughout the United States. A splendid half-high sort with flowers of delicate silver-pink. Pkg. \$1.00.



### ASTERS — California Giant Double

This new Aster has all the characters of the Crego or Ostrich Plume type of flower, combined with the Beauty Aster's long, non-lateral branching stems of sturdy growth; recommended for private gardens where quality is appreciated. Supply limited.

We offer this Aster in the following colors: White, Peach Blossom, Light Blue, Light Purple, Deep Rose, Dark Purple, and Mixed. Price, 25 cts. per Pkt. Collection, 6 colors, \$1.25.

### ASTERS

#### California Giant Single

We are offering this wonderful Aster for the first time this year and, due to the popular demand for Single Asters, we feel this Aster will fill a long-sought want.

The flowers are large, measuring three or more inches across; stems 18 to 24 inches long. We are offering this variety in well balanced mixture. Price 25 cts. per Pkt. 5 Pkts. for \$1.00.

### GERBERA JAMESONI

#### New Hybrids—Transvaal Daisy

This beautiful Daisy is becoming more and more popular for cut flower every day. Flowers range in beautiful Red, Pink, and Copper Shades. Grown in benches in Greenhouse; are very profitable. Per Pkt. \$1.00.

### CALENDULA

**The Ball.** Within the last few years the calendula or pot marigold has taken a new lease on life and is now not only being grown as a garden annual but also it is successfully forced under glass for cut flowers. A selection out of the Orange King, fine stems, immense double flower of a brilliant orange. Pkg., 25 cts.

### NEW DOUBLE COSMOS

**New Double Hybrids.** These beautiful new hybrids form bushy plants and bloom profusely during the Autumn months, producing a good percentage of double flowers until the heavy frosts. 5 to 6 feet.

**Double Pink.** Beautiful rose-pink.

**Double White.** Pure glistening white.

**Double Crimson.** Rich rose-crimson.

**Double Mixed.** Mixture of all three.

Pkg. Price 15 cts.

### DIASCIA

**Barberae.** Pretty pink coral-like flowers, freely produced on slender stems during the whole of summer. Excellent for dwarf borders, and makes a fine pot plant for indoor decoration. Half-hardy annual. Height 9 inches. Price 15c. 25c. per pkg.



Double Cosmos

## BALCONY PETUNIAS

Two new varieties offered here, are a select type of the plain-edged Petunia which by reason of the habit of the plant is well adapted for window-box culture. The plants are symmetrically formed, grow about one foot high, and the flowers measuring 3 inches across.

### Fringed Varieties

<b>Pink Triumph.</b> Clear Pink, delicately fringed.	
Pkt.....	\$1.00
<b>Pride of Portland.</b> Deep Rose.....	.50
<b>Romany Lass.</b> Bright Garnet, deep throat. Pkt.	1.00
<b>Scarlet Beauty.</b> Bright Scarlet.....	Pkt. .50

### Plain Edged

<b>Coppery Red.</b> New Shade, very attractive. Pkt.	.50
<b>Elk's Pride.</b> Immense size; Purple.....	Pkt. .50
<b>Pink Glory.</b> Deep Pink.....	Pkt. .50



Balcony Petunias

## ZINNIAS

### GOLD MEDAL, DAHLIA FLOWERED

The large size, fullness of petals, extraordinary color range, and good keeping qualities of this flower have all contributed to its popularity. It is easily grown, and keeps well when cut. It is at present immune from disease. Equally good as a garden flower and as a florist's specialty, its popularity should increase with years. It has been truthfully called, "*A New Flower for the People.*"

**Exquisite.** Color, light rose with center a deep rose (Tyrian Rose).



Double Dahlia-flowered Zinnia

Any of the above Zinnias 25c per Pkt.  
Collection 6 Varieties \$1.00.

**Old Rose.** This is adequately described by its name, as it is of the real Old Rose Shade.

**Golden State.** A very rich orange yellow (Cadmium).

**Crimson Monarch.** By far the largest and best of the red shades. Flowers often eight inches in diameter.

**Giant Attraction.** A distinct shade of brick red (Spectrum Red).

**Scarlet Flame.** A large, beautiful, bright scarlet, with a delightful blending of orange.

**Meteor.** A rich, glowing deep red, and the darkest of all the red shades.

**Lemon Beauty.** This is next to Crimson Monarch in size and form. It may be described as a golden yellow on brown.

**Oriole.** We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages.

**Dream.** A fine, deep, lavender, turning to purple.

**Purple Prince.** A fine, deep purple, large and well-formed.

**Polar Bear.** A very large, pure white, the best white yet seen in Zinnias. True Dahlia form.

**Buttercup.** An immense, deep, creamy yellow.

**Canary Bird.** A delicate shade of primrose — very large and holds its color well until out of bloom.





## NEW TOMATO

### COOK'S ABUNDANCE

This Tomato introduced by us last year has met with pronounced approval by our customers and this has led us to feature this variety in our novelty page this year. A wonderful cropper of medium size fruit, just the proper table size, flavor excellent and may be grown outdoors or indoors. Without doubt, should be included in your order.

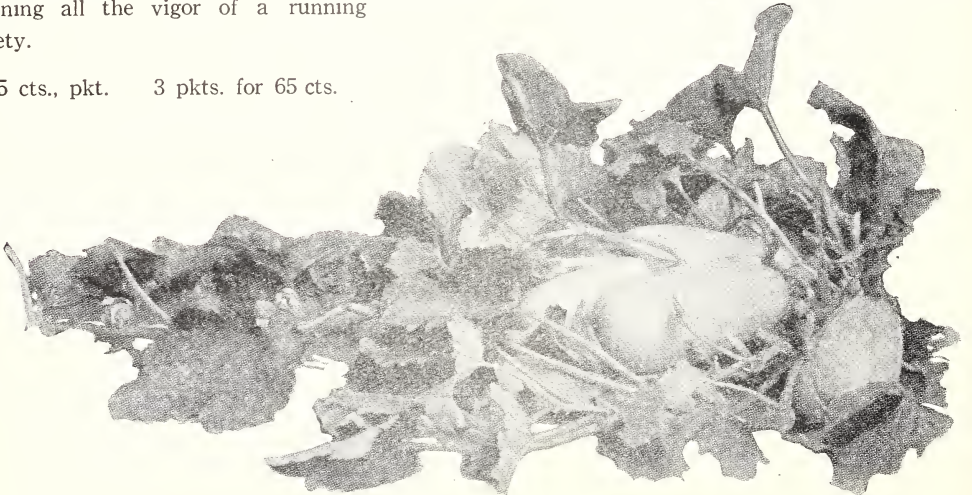
50 cts. per pkt.      3 pkts. for \$1.25.

## VEGETABLE MARROW

### COOK'S PROLIFIC

A remarkable variety of this growing poplar squash, somewhat of the Bush type while retaining all the vigor of a running variety.

25 cts., pkt.      3 pkts. for 65 cts.





# Cook's Quality Vegetable Seeds

## ARTICHOKE

*Culture* — Sow seed early and transplant to small pots so as to have plants about 6 inches tall when set out in June, 30-in. rows, 3 ft. apart. They will give fair crop first year, by but covering during winter the best crop can be had the second year. One ounce will produce about 600 plants.

**Green Globe** — One of the best varieties. Pkt. 10 cts., oz. 75cts.,  $\frac{1}{4}$  lb. \$2.00.

### Artichoke Roots

**Jerusalem.** — Distinct from the Globe, and propagated by and for the tubers. Plant in rows, 3 feet apart and 1 foot apart in the row, and cultivate occasionally. Allow the tubers to remain in the ground until needed. Used for feeding stock or pickling. Qt. 30 cts., pk. \$1.50., bus. \$5.00.

## ASPARAGUS

One ounce will plant about 50 feet of drill.

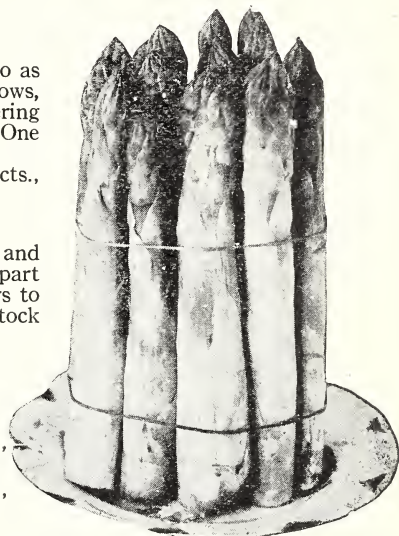
**Colossal (Conover's)** — Large head. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts.

**Palmetto** — Deep green; very prolific. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts.

### Asparagus Roots

*Culture* — Set the plants, one or two years old, 12 inches apart in the rows, carefully spreading out and separating the roots. For the sake of convenience one drill should be made at a time, and the planting and covering completed before another is commenced. In November the plants should have their annual top dressing of manure after the stalks have been cleared way. The dressing should be forked in as soon as the ground can be worked in Spring, and the bed neatly raked.

Asparagus roots can be supplied from November 1st to May 1st.



Palmetto Asparagus

	100	1000
<b>Argenteuil</b> — 2 years old.....	\$2.00	\$18.00
<b>Conover's Colossal</b> — 2 years old.....	2.00	18.00
<b>Palmetto Giant</b> — 2 years old.....	2.00	14.00
<b>Columbian Mammoth White</b> — 2 years old.....	2.00	18.00
<b>Washington (New)</b> — 2 years old.....	3.00	25.00

## BROCCOLI

**White Cape** — Large heads, of good flavor. Pkt. 10 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.

## BRUSSELS SPROUTS

*Culture* — Sow in frames as cabbage; transplant after all danger of frost is over, in rows 3 feet apart,  $1\frac{1}{2}$  feet in rows. Keep well cultivated.

**Improved Dwarf** — Dwarf, robust habit, make compact heads; fairly hardy. Pkt. 10 cts.,  $\frac{1}{2}$  oz., 35 cts., oz. 70 cts.

## FORCING BEANS

**Cook's Prolific** — Strong sturdy grower, producing a quantity of slender, stringless pods of fine flavor.  $\frac{1}{2}$  lb. 25 cts., lb. 50 cts., 2 lbs. 90 cts.

**Masterpiece** — Well known for its fine crop of long, tender, straight, stringless pods.  $\frac{1}{2}$  lb. 50 cts., lb. 90, 2 lbs. \$1.75.

**Golden White Wax (New)** — A splendid white seeded wax Bean; one of the earliest of the dwarf varieties. Pods rich golden yellow, exceptionally brittle, of the highest quality in flavor. Can also be used as a shell Bean, being one of the few wax Beans that are pure white.  $\frac{1}{2}$  lb. 40 cts., lb. 70 cts., 2 lbs. \$1.25.

## GREEN POD BUSH BEANS



New Bountiful Beans

One pound will plant fifty feet of drill.  
One packet twelve to fifteen feet.

*Culture* — Bush Beans should be planted in light rich soil at intervals of two weeks from when the ground is warm in the Spring until August 15th.

Plant in drills two to three feet apart dropping the beans every three or four inches, and covering one and a half to two inches deep.

**Black Valentine** — Early round pods, of excellent quality.  $\frac{1}{2}$  lb. 15 cts., lb. 30 cts., 2 lbs. 50 cts.

**Bountiful** — Best early flat pod variety; heavy bearer and stringless.  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts.

**Early Red Valentine** — Early; strong grower, round curved pod; tender; fine for successive crops.  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Long Yellow Six Weeks (Flat-Pod)** — Similar to Bountiful, but not as heavy a bearer.  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Refugee or 1,000-to-1** — Best variety for late planting; especially used for pickling.  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Refugee Extra-early** — One of the earliest light green-pods of medium size.  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Sure Crop Stringless** — Similar to Stringless Green-Pod. Splendid cropper; perfectly stringless.  $\frac{1}{2}$  lb. 20 cts., 1 lb. 35 cts., 2 lbs. 60 cts.

**Stringless Green-Pod** — Straight, round, stringless pods that ripen early and keep a long time before getting tough.  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts.

Above varieties can be supplied in pkts. 10 cts. each.

## WAX POD BUSH BEANS

**Brittle Wax** — One of the earliest; flat pod, stringless and tender; often used as a shell Bean.  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Davis Wax** — Exceptionally long pod, flat, solid, and a fine shipper.  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts.

**Improved Golden Wax** — Well known flat pod; rust proof, strong grower and heavy cropper.  $\frac{1}{2}$  lb. 25 cts., lb. 35 cts., 2 lbs. 60 cts.

**Improved Black Wax** — Round pod, waxy yellow color; very prolific; fine mid-season variety.  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**New Hodson Wax** — One of the best late varieties; pods often measure 8 to 9 inches; flat, brittle, meaty and almost stringless.  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Wardwell's Kidney Wax** — Probably the best known market type; large waxy, yellow pod, flat straight, good keeper.  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

Above varieties can be supplied in pkts. 10 cts. each.

## LIMA BEANS

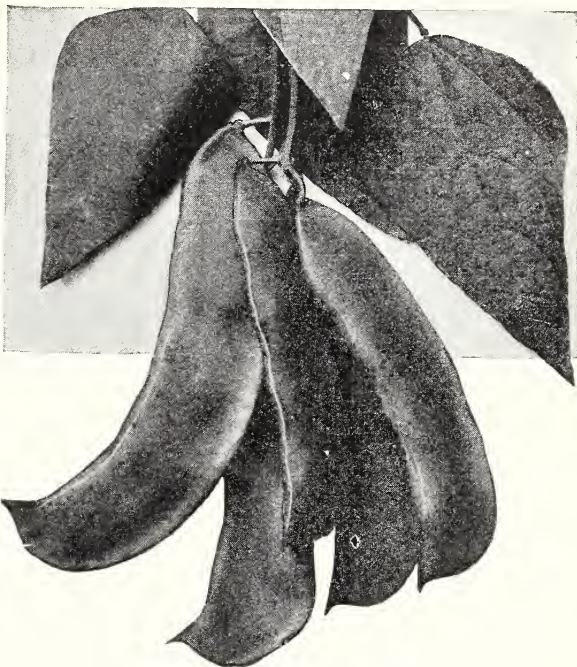
### DWARF BUSH

**Culture**—Lima Beans require rich loamy soil, and should be planted only after the soil has become warmed, about June 10. Make rows about 30 inches apart and about 6 inches in the row; plant about 2½ inches deep and hill up well around the plants.

**Burpee's Bush Lima**—Large white Bean, very productive, producing 4 to 6 beans to the pod. Pkt. 10 cts., ½ lb. 25 cts., lb. 50 cts., 2 lbs. 90 cts.

**Fordhook**—An improved Dreer's Bush Lima; vigorous in habit and carry the pods well off the ground; fine flavor and good cropper. Pkt. 10 cts., ½ lb. 25 cts., lb. 50 cts., 2 lbs. 90 cts.

**Henderson's Bush Lima**—Small Beans of fine flavor; very early. Pkt. 10 cts., ½ lb. 25 cts., lb. 50 cts., 2 lbs. 90 cts.



Bean. Burpee's Bush Lima. Improved

## LIMA BEANS (Pole)

One pound will plant 50 hills.

If wanted by mail, add 5 cts., per pound, 10 cts., per pound, and 15 cts., per 2 pounds to the prices listed.

**Early Leviathan**—The earliest variety of Pole Lima; produces pods in clusters. A splendid variety where the season is short. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.85, 15 lbs. \$5.45.

**Challenger, or Potato**—Early and more prolific than the large Lima; a small Bean of decidedly excellent flavor. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.85, 15 lbs. \$5.45.

**Ford's Mammoth**—Very large pods, frequently measuring 9 inches long; Beans flat and large; fine for the home-garden; productive and of good flavor. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.85, 15 lbs. \$5.45.

**King of the Garden**—Vigorous grower, producing large Beans of fine quality. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 80 cts.

## POLE or RUNNING BEANS

### Wax and Green-Podded Varieties

One quart will plant 200 hills

**Horticultural, or Speckled Cranberry**—Fairly stringless, tender; often used as a shell Bean. Pkt. 10 cts., ½ lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts.

**Kentucky Wonder**—Produces large clusters of fine, stringless, long pod, round, tender Beans. Pkt. 10 cts., ½ lb. 25 cts., lb. 45 cts., 2 lbs. 90 cts.

**Scarlet Runner**—A very popular variety for ornamental purposes. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 80 cts.

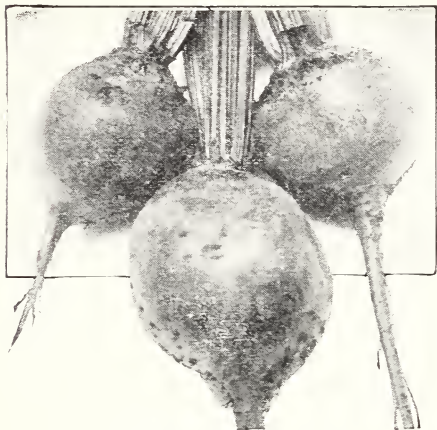
**Lazy Wife**—Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 80 cts.

## CHERVIL

**Culture**—Sow about May 10, in open ground, in rows about 1 foot apart; thin out to 2 inches to get best results. One ounce will sow about 150 feet of drill.

**Moss Curled Extra**—Used as parsley for flavoring. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00.





Crosby's Egyptian Beets

## BEETS

**Culture** — Sow in drills about 18 inches apart, 1 inch deep, and thin out to about 2½ inches in row; sow early in May or as soon as the ground works well. One ounce will sow 100 feet of drill; 5 to 6 lbs. to the acre.

**Crimson Globe** — Medium size; fine shape, smooth skin, dark red, of fine flavor; second early and does not grow coarse. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

**Crosby's Egyptian** — Fine for both indoors and outside; early, sweet and tender; rich vermilion color. Pkt. 10 cts., oz. 25 cts., ¼ lb. 80 cts., lb. \$2.75.

**Blood Turnip** — An early main crop variety; dark red and fine keeper. Pkt. 10 cts., oz. 25 cts., ¼ lb. 70 cts., lb. \$2.00.

**Extra-early Egyptian** — The standard turnip-shaped Beet, flat at bottom with small top; very tender; light crimson color. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.25.

**Eclipse** — Very early; fine quality, sweet and tender; smooth, with skin and flesh dark red. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.25.

**Dark-leaved Globe** — A splendid type of blood-turnip variety. The dark foliage is a striking contrast to the rest of the Beet family, flesh rich, a dark color of excellent quality, very sweet. Extra good market sort. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

**Early Model** — Introduced for its model shape, smoothness, fine texture of flesh, purplish crimson color, delicious flavor, and keeping qualities. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00 lb. \$3.00.

**Detroit Dark Red** — An ideal Beet in flavor, shape and color; globular; sweet; dark red color; fine variety for canning. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

## CAULIFLOWER

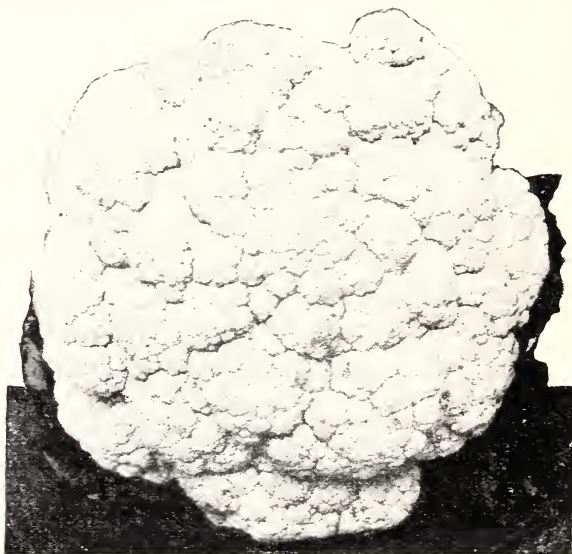
**Culture** — Sow seed early in February and prick out in flats or pots; transplant in open late in May in rich soil well cultivated, 2 feet apart in rows and 2½ feet between rows. Work in a little fertilizer now and then to stimulate the plants. One ounce will produce about 3,500 plants.

**Dwarf Erfurt** — One of the earliest; fine quality. Pkt. 50 cts., ¼ oz. \$1.75, oz. \$6.00.

**Dry Weather** — Does well where long seasons of dry weather are experienced making long tap-roots; it produces fine heads under these conditions. Pkt. 25 cts., ¼ oz. \$1.75, oz. \$6.00.

**Selected Early Snowball** — Used more than most other varieties because of its surety in heading and its dwarf habit. Pkt. 25 cts., ¼ oz. \$1.50, oz. \$5.00.

**Autumn Giant (Veith's)** — The best late variety, producing large, well-formed heads. Pkt. 10 cts., ¼ oz. 35 cts., oz. \$1.00.



Cauliflower Snowball

## CHICORY

**Culture** — Sow in open in May like you would carrots, in rows 12 inches apart; thin out to 3 inches in row and allow to remain in ground until fall.

**Witloof** — (French Endive). Served as a salad in winter and is very palatable if French dressing is served with it. Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.50.

**Common, or Wild** — Better known than above but doesn't make so large a head. Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.75.

## CABBAGE

*Culture* — Sow early in January or February, and transplant to flats or frames about 2 inches apart; plant in open ground when weather conditions permit and ground can be thoroughly worked, 20 inches in rows 2 feet apart.

One ounce will produce about 3,500 plants.

**Early Jersey Wakefield** — Conical shape of excellent quality, sure header. Pkt. 10 cts., oz. 35c,  $\frac{1}{4}$  lb. \$1.00.

**Charleston, or Large Wakefield** — A little later than above type, of wonderful keeping qualities; highly recommended for market gardeners. Pkt. 10 cts., oz. 35c,  $\frac{1}{4}$  lb. \$1.25.



Copenhagen Market Cabbage

**All Seasons** — One of the best for successive planting. Pkt. 10 cts., oz. 35c,  $\frac{1}{4}$  lb. \$1.00.

**Copenhagen Market** — Extra-early round head, very solid, an excellent variety for early market use. Pkt. 10 cts., oz. 50c,  $\frac{1}{4}$  lb. \$1.50.

**Danish Ballhead** — Medium size, solid head; mostly used for winter Cabbage because of its hardness and keeping qualities. Pkt. 10 cts., oz. 40c,  $\frac{1}{4}$  lb. \$1.25.

**Succession** — Medium early, solid head; short stem. Pkt. 10 cts., oz. 40c,  $\frac{1}{4}$  lb. \$1.25.

**Large Late Drumhead** — Very solid; fine for late use. Pkt. 10 cts., oz. 35c,  $\frac{1}{4}$  lb. \$1.00.

**Large Late Flat Dutch** — Large flat head, solid and of exceptional flavor, one of the best for winter use. Pkt. 10 cts., oz. 35c,  $\frac{1}{4}$  lb. \$1.00.

## RED CABBAGE

**Mammoth Rock Red** — Without doubt the finest red Cabbage; matures late, of fine texture, and very solid head. Pkt. 10 cts., oz. 60c,  $\frac{1}{4}$  lb. \$2.00.

## SAVOY CABBAGE

**American Drumhead Savoy** — The largest of the Savoy family; solid head, well crinkled, which adds to the beauty of this type; crisp and of rich flavor. Pkt. 10 cts., oz. 35c,  $\frac{1}{4}$  lb. \$1.00.

**Chinese Cabbage, Pe-Tsai** — Pkt. 10 cts., oz. 75 cts.,  $\frac{1}{4}$  lb. \$3.00.

## CRESS or PEPPERGRASS

Invaluable for salads and garnishing.

**Extra Curled** — Excellent for salads; sow in shallow drills 1 foot apart, and make successive sowings every 10 days. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.25.

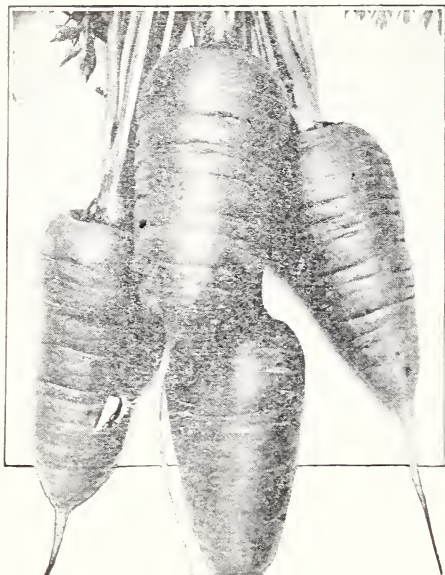
**Upland** — Perennial variety, similar in taste to the Water Cress. Pkt., 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Water** — Sow in damp soil or by the side of a pond or stream. Pkt. 10 cts., oz. 75 cts.

## CORN SALAD or FETTICUS

A refreshing winter salad. Can also be cooked and used like Spinach. Plant is of quick growth and hardy. For spring crop sow seed  $\frac{1}{2}$  inch deep in rows 1 foot apart and thin to 6 inches in rows. This crop should be ready in about 8 weeks. For extra-early crop, sow seed in September and cover with straw or leaves in northern states. For fall use, a sowing should be made in July or August. One ounce will plant a row 50 feet long. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.





Danvers Carrots

## CARROTS

**Culture** — Sow in light, loamy soil late in April, barely covering the seed over  $\frac{1}{2}$  inch. in rows 18 inches apart; thin out to 2 inches in row. Keep the soil loose around the plants by cultivation. One ounce will sow about 150 feet of drill, 3 to 4 pounds to the acre.

**Selected Chantenay** — A half-long stump, fine shape, tapering to blunt point; orange color; very sweet. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 70 cts.

**Selected Danvers** — One of the best for market gardens; medium size, good shape, smooth; small tap root. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 70 cts.

**Early French Forcing** — Short, fine for early use; the added rich, red color makes it an ideal variety; very tender. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 90 cts.

**Guerande, or Oxheart** — Short, thickrooted variety, much preferred on medium clay soils. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{2}$  lb. 70 cts.

**James' Intermediate** — Little need be said of this, except to remind one of the richness in flavor and its wonderful keeping qualities. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{2}$  lb. 70 cts.

**Selected Long Orange, Improved** — The best for stock-feeding; being of pleasing flavor; pulled small makes a fine table dish. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Sutton's Red Intermediate** — Fine long red; very tender. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

## CELERY

**Culture** — Sow in frame and transplant to flats, thin out to 4 inches, then when ground can be worked, set out 6 inches apart in trenches or rows, 3 to 4 feet apart hill up or board up to blanch. Celery can be left out in trenches by making drain-pit at front of trench, then bank up high with leaves or straw, or pack away in dark cellar. One ounce will produce about 4,000 plants.

**Paris Golden Self-blanching** — Easiest of all Celery to blanch; short grower, crisp and earliest of all. Pkt. 15 cts., oz. 75c,  $\frac{1}{4}$  lb. \$2.50.

**Improved White Plume** — One of the best for early fall and winter use, being more of a self-branching type than other varieties; of fine flavor and texture. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Giant Pascal** — Makes large stalks; fine keeper. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Perfection Heartwell** — Long, compact stalk makes this a desirable variety. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Fine de Siecle** — The splendid keeping qualities of this variety should make it one of the most sought for; seldom becomes pithy and is very solid and crisp. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Covent Garden Red** — The best red Celery; claimed by many to surpass all others in flavor. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.25.

**Winter Queen** — Best late; fine keeper, good grower, making thick, solid stalk of excellent flavor. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.



Improved White Plume Celery

## CELERIAC

**Culture** — Similar to celery; the tops are used, but it is more for the root that this is grown.

**Large Smooth Prague** — Very smooth and good size; used in soups and salads. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.10.



## SUGAR CORN

Corn prices subject to change without notice

**Culture** — Do not plant until late in May and the ground is thoroughly worked; four to six seeds to a hill, 3 feet apart each way. Keep well cultivated. For succession plant every 10 days. One quart will plant about 200 hills; 10 quarts to the acre.

**Golden Bantam** — One of the earliest; ripens about 5 days earlier than Cory; rich yellow color, very sweet; small ears, well filled. Pkt. 10c,  $\frac{1}{2}$  lb. 30 cts., lb. 50 cts., 2 lbs. 90 cts.

**Crosby's Early Sugar** — Second early; does not grow much higher than Bantam; fair sized ears of fine, well-filled kernels, sweet and tender. Pkt. 10c,  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 70 cts.

**Extra-early Evergreen** — Similar to Stowell's, only much earlier; large ears well filled with juicy kernels. Pkt. 10c,  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 70 cts.

**Metropolitan** — Produces long ears, well filled; ripens just after Cory. Pkt. 10c,  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs., 70 cts.

**Golden Nugget** — About as early as Bantam but produces more ears per stalk; has the same luscious flavor, and rich yellow color. Pkt. 10c,  $\frac{1}{2}$  lb. 35 cts., lb. 60 cts., 2 lbs. \$1.00.

**Late Mammoth** — Largest of all Sweet Corns; must be picked when of medium size to have any of the sweetness of the Evergreen type. Pkt. 10c,  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 70 cts.

**Country Gentleman** — Small cob, with long pointed kernels, irregular rowed; probably the sweetest of all Corns and keeps its flavor a long time after picking. Pkt. 10c,  $\frac{1}{2}$  lb. 25 cts., lb. 45 cts., 2 lbs. 80 cts.

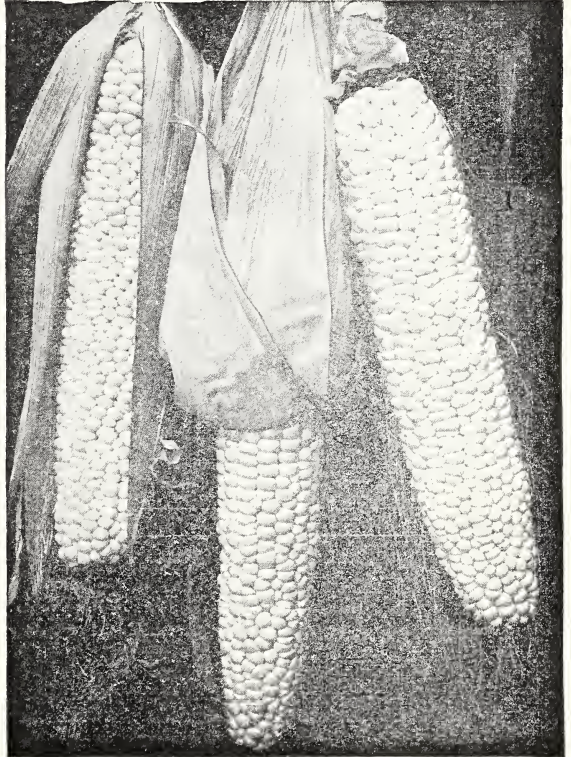
**Black Mexican** — Blue-black when picked, but becomes nearly white after cooking. But for its color would be grown more, for it is very sweet and does not dry up quickly. Pkt. 10c,  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 70 cts.

**Howling Mob** — A grand variety; large ears, very sweet, comes just after the early types; cob well filled. Pkt. 10c,  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 70 cts.

**Peep-o'-Day** — Extra-early, short stalk, often producing two ears to the stalk for so small a type; small ears, but filled with extremely sweet kernels. Pkt. 10c,  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts.

**White Cory** — Known by its earliness; has eight rows of well-filled sweet and tender kernels. Pkt. 10c,  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts.

**Stowell's Evergreen** — The best main crop variety yet offered; retains its sweetness longer than most other large varieties. Pkt. 10c,  $\frac{1}{2}$  lb. 25 cts., lb. 45 cts., 2 lbs. 75 cts.



## DANDELION

**Culture** — Sow 1 inch deep in rich loamy soil; thin out to 12 inches apart in rows; plants are better the following spring if protected by leaves during the winter months. One ounce to 100 feet of drill.

**French Garden** — Pkt. 10 cts., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.50



White Spine Cucumbers

## CUCUMBERS

**Culture** — Sow about six seeds in hills of rich loamy soil, 1 inch deep, hills 4 to 6 feet apart; pull out the weak plants, leaving four to fruit; cultivate and fertilize well. By pinching main lateral it produces the fruit earlier on other laterals. One ounce will plant about 60 hills; about 3 pounds to the acre.

**Improved Early White Spine** — Medium size, light green, straight fruit; fresh, crisp, making it a good pickler as well as for table use. An extremely desirable variety for market gardeners because of size and quality. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 70 cts.

**Klondyke** — This variety has taken its place among the leaders because of its size, fine form, hardness and yield; a very profitable one to grow. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Davis Perfect** — A long, slim type with fine color; very tender, making it an exceptional variety for table use. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Cool and Crisp** — One of the best bearers, fine shape and medium early. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Early Green Prolific** — Extensively used as a pickling variety. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Extra-long Green** — One of the best varieties for sweet pickles, as it makes a uniform shaped fruit. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Fordhook Famous** — Robust grower, making fine crisp fruit in large quantity. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Japanese Climbing** — Ornamental, besides being a fine pickling variety. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

## ENGLISH FORCING or Frame Cucumbers

**Telegraph** — A superior variety, handsome, with small neck and very prolific. Pkt. 50 cts.

**Tender and True** — Pkt. 50 cts.

**The Rochford** — Pkt. 50 cts.

## EGGPLANT

**Culture** — Sow indoors early in March or April and transplant into small pots; set out in the middle of June in rows 3 feet apart each way, keep well cultivated and fertilize occasionally. One ounce will produce about 1,000 plants.

**Early Black Beauty** — Purplish black, solid, and of good quality; much earlier than New York Improved. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 40 cts., oz. 75 cts.,  $\frac{1}{4}$  lb. \$2.50.

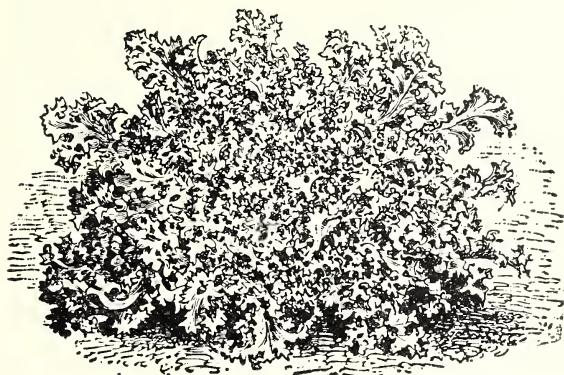
**Black Pekin** — Round, glossy fruit, good color. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 40 cts., oz. 75 cts.,  $\frac{1}{4}$  lb. \$2.50.

**New York Improved** — Large purple. Best cropper of all; fruit of good size and shape, solid and of excellent quality; a little later than other. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 40 cts., oz. 75 cts.,  $\frac{1}{4}$  lb. \$2.65.



Black Beauty Egg Plant





Green Curled Endive

## ENDIVE

*Culture* — Sow in open ground in May about 1 inch deep; thin out to 1 foot, in rows 2 feet apart. After plants are fully grown, tie up to blanch, which should be done when plants are dry so as to prevent rot, for any dew or dampness will injure foliage. One ounce will plant about 250 feet of drill.

**Broad-leaved Escarolle** — Used largely for soups. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Green Curled** — Best sort for winter use; makes fine salads. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 70 cts.

**Moss Curled** — More curled than above. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 85 cts.

**White Curled** — Very crisp; blanches easily to clear white. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 70 cts.

## LEEK

*Culture* — Sow early in April in frames, or outdoors in May, 1 inch deep; transplant into trenches 6 inches deep, 6 inches apart and 12 inches between rows. Hill up the soil as Leeks grow, to blanch. Can be stored to good satisfaction in cool, moist cellars for winter use. One ounce will sow about 100 feet of drill.

**Large American Flag** — One of the best varieties, fine keeper, sturdy grower. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.60.

**Large Carentan** — Grows to large size; is very mild and highly recommended. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.60.

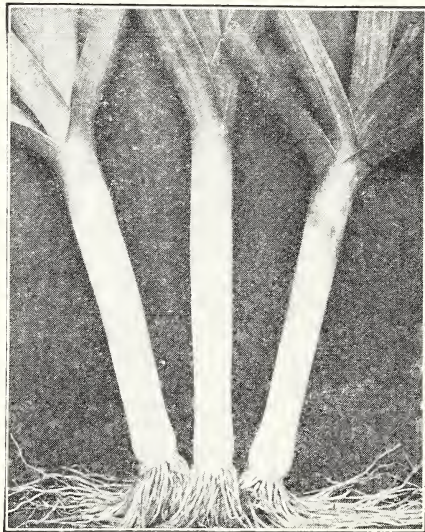
## KALE

*Culture* — Sow outdoors early in May, in drills about 1 inch deep; thin out to 12 to 15 inches, in rows 2 feet apart. Cultivate as cabbage. Fine for feeding to chickens in fall and winter. Tastes better after slight touch of frost. One ounce will produce about 300 plants.

**Green Curled Scotch** — Very curly; dwarf robust growth. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Dwarf Brown** — Not used as much as above sort; very tender. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Siberian Kale** — The real winter sort; should be sown late in season. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.



Leeks

## KOHLRABI

One ounce will sow about 200 feet of drill

**Early White Vienna** — Without doubt the best early variety; greenish white color. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25.

**Early Purple Vienna** — Purplish skin, flesh white. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25.

## GARLIC ROOTS

From sets; used for flavoring soups. Lb. \$1.00.

## MUSTARD

*Culture* — Broadcast or drill, in rows about 1 foot apart. Used in salads and other things for seasoning. One ounce will sow 75 feet of drill.

**White London** — oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Chinese** — Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Giant Southern** — Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

## LETTUCE

*Culture* — For early use, sow in hotbeds or flats; transplant into coldframes, allow 10 inches between plants. For outdoors, sow about  $\frac{1}{2}$  inch deep in drills; about May 10, thin out or transplant in rows 18 inches apart; allow 12 inches between plants. Sow often for succession. Cultivate well to keep weeds down. One ounce will sow 150 feet of drill.



Big Boston Lettuce

**All-Seasons** — Does well at all seasons; heads quickly. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Big Boston** — The best market type; large, solid head, very tender; used for frames or outdoors. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Boston Market** — Good forcing kind, medium sizes head very crisp. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**California Cream Butter** — Large, white head, tinged brown; stands heat well. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Crisp as Ice** — For hardiness this variety is unsurpassed; round solid heads, dark green with touch of brown at edge; crisp and tender. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Golden Queen** — Yellow head, small, used mostly for early forcing. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Grand Rapids Forcing** — Well-known market variety. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Iceberg** — Makes fine large solid head; fine for hot weather. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**May King** — Much used because of its fine, globular-shaped solid head of light green; inside heart, yellow; sweet, and free from bitterness. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**New York, or Wonderful** — Largest of all; called Cabbage Lettuce because of its size; crisp and tender. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Mammoth Black-seeded Butter** — Large, smooth, light green head; heart, white and tender. Pkt. 10 cts., oz. 30 cts.  $\frac{1}{4}$  lb. \$1.00.

**Salamander Perfected** — One of the best hot weather varieties, taking from 93 to 96 days before running up. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Simpson Early Curled** — Curly variety; very early; use when unable to get heads. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Tennis-ball** — (Black-seeded). Medium size, compact heads of exceptionally fine flavor. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Wayahead** — Very early Round Head. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

## COS, or ROMAINE LETTUCE

**Trianon Self-closing Cos** — Best self-closing sort; crisp and tender leaves. Pkt. 10 cts., oz. 25 cts.  $\frac{1}{4}$  lb. 75 cts.

**Paris White Cos** — Earlier than above, but requires tying to blanch out. Pkt. 10 cts., oz. 25 cts.  $\frac{1}{4}$  lb. 75 cts.

## MARTYNIA

*Culture* — Sow in open about May 20, in hills  $2\frac{1}{2}$  feet apart. Often reseeds itself.

**Proboscidea** — Used for pickling. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 85 cts.

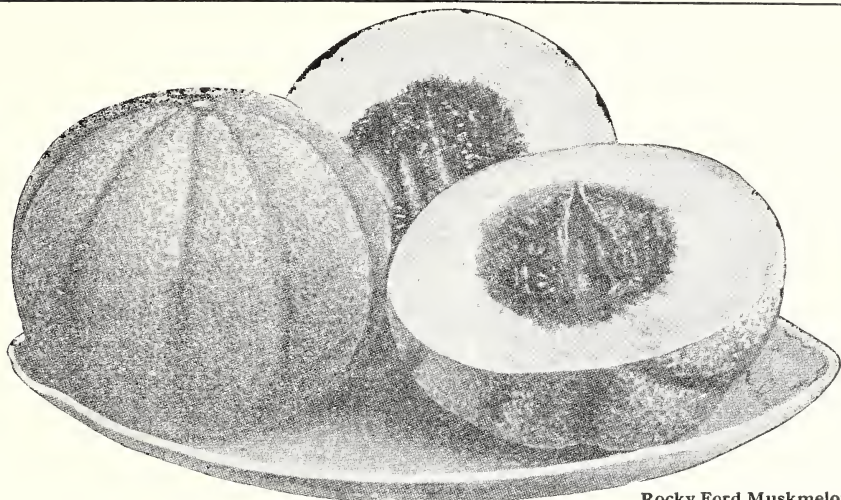
## MELONS FOR FORCING (Imported Seed)

**Blenheim Orange** — Well known variety; orange-scarlet flesh; very prolific. Pkt. 25 cts.

**Roya Sovereign** — Often weighs six pounds; thick, white flesh, tinged green; thin rind. Pkt. 25 cts.

**Windsor Castle** — Oval fruit, large, slightly netted, green, and of fine flavor. Pkt. 25 cts.





Rocky Ford Muskmelon

## MUSKMELON

**Culture** — Plant in rich, loamy soil, hilled about 6 feet apart, 5 to 7 seeds about  $\frac{1}{2}$  inch deep per hill, thin out to about 4 plants to the hill. Use about 3 pounds for an acre. One ounce will plant about 60 hills.

**Honey Drop** — Without a doubt the sweetest of all melons. It has good, thick flesh; deep orange color. Pkt. 15 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Emerald Gem** — Small; flesh orange and very sweet. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 70 cts.

**Rocky Ford** — Oblong shape. Medium early. Flesh light green; fine flavor, and one of the best shippers. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Extra-early Hackensack** — Earlier than Hackensack. Light green juicy flesh. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Hoodoo** — Delicious flesh; thick, of deep salmon color. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Miller's Cream** — Large, round fruit with netted skin; thick, juicy, salmon-colored flesh. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

## WATERMELON

**Culture** — Similar to muskmelon. One ounce for about 60 hills; 4 to 5 pounds to the acre.

**Sweet Mountain** — Sweet; flesh, deep pink; thin rind. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Cole's Early** — For northern states this is a fine variety; ripens early, of fine texture and flavor. Melons large, with fairly thin rind. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Kolb's Gem** — Red flesh, solid and fine keeper. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Watson** — Oblong; dark green skin, bright red flesh. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 45 cts.

**Citron** — Preserving fruit; round. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

## MUSHROOMS

One brick of American or English Spawn is sufficient for a space 4 feet by 2 feet; it should be broken into small pieces and these inserted 2 inches deep and 6 inches from piece to piece. Mushrooms are quite easy to grow in any enclosure where a constant temperature of 50 to 65 degrees can be maintained. Obtain a quantity of fresh stable manure and place it in a heap under cover for it to heat; turn it daily for five days and then make your bed 18 inches deep, 3 feet wide and as long as convenient. Have your manure moderately firm. Test the temperature of the bed every day with a thermometer (a hotbed thermometer specially made for the purpose we supply at \$2.50) and when you find it has commenced to fall get ready to "spawn" the bed. When 85 degrees has been reached in the drop of the mercury break your spawn into pieces and plant them 2 inches deep. Cover the bed with a 2-inch layer of really good loamy soil and over this put a layer of straw; watch the surface of the bed and if it appears dry, sprinkle it lightly with a little warmed water. Mushrooms appear in six or seven weeks.



Pure Culture Mushroom Spawn

## AMERICAN PURE CULTURE SPAWN

Ten pounds will spawn 10 square feet

This type produces larger Mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen Mushrooms, and is propagated and transferred to the bricks of manure, which, when planted, produce Mushrooms all of one type.

Per brick (about  $1\frac{1}{2}$  lbs) 40 cts., 10 bricks, \$3.50. 20 bricks, \$6.50., 100 bricks, \$30.00

**English Mushroom Spawn** — As most growers of Mushrooms recognize the superiority of the American Pure Culture over the English, we have decided to discontinue handling the latter.

## OKRA, or GUMBO

Okra, or Gumbo is used largely in the Southern States, both as a separate dish and for soups, etc. It is becoming better known and more popular in the North. The pods should be gathered and eaten while still young and tender, before the hard, woody fibre develops. One ounce for 75 feet of row.

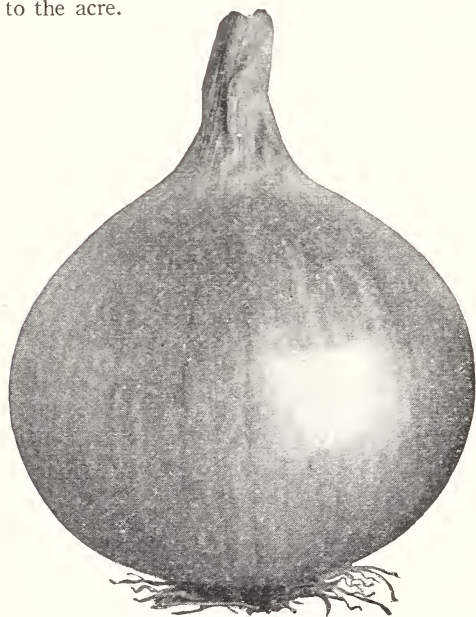
**Perkin's Long Pod** — The pods are produced in great abundance, and when ready to use are from 4 to 5 inches in length, of a handsome green color, and best quality. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts., postpaid.

**Improved Dwarf Green** — Very early, smooth pods. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts., postpaid.

**White Velvet** — This Okra takes its name from the smoothness of its pods, which are round, differing in this respect from the old sort. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts., postpaid.

## ONIONS

**Culture** — Sow early, about 1 inch deep, in drills 18 inches apart; thin out to about 3 inches in row. For Spanish Onions, or extra large show Onions, sow under glass in January and transplant in April. or May in open, about 3 to 4 inches apart. One ounce will sow about 200 feet of drill, 4 to 5 pounds to the acre.



Southport Yellow Globe Onions

**Ailsa Craig**—An extra-large Onion, often grown for show purposes, globular shape, with straw-colored skin; very mild. Pkt. 15 cts.,  $\frac{1}{2}$  oz. 50 cts., oz. \$1.00  $\frac{1}{4}$  lb. \$4.00.

**Yellow Globe, Southport** — The wellknown globe-shaped Onion; grows very large; skin pale yellow with cream white flesh; fine keeping qualities. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$1.65.

**Prizetaker** — Probably the most noted show variety we have; when sown early and transplanted it produces very large Onions of fine color and delicate flavor. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Yellow Globe Danvers** — For general purposes this is one of the best; fine shipper and keeper Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**White Globe Southport** — Known for its pure white skin and keeping qualities. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts., oz. 65 cts.,  $\frac{1}{4}$  lb. \$1.85.

**White Portugal, or Silverskin** — One of the leading white varieties; used for pulling early, and for pickling. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**White Queen, or Barletta** — Used largely for pickling, as it does not grow to large size. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$1.65.

**Large Red Wethersfield** — The best known flat red Onion for market purposes, an excellent keeper, strong flavor and fine shipper. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.10.

**Southport Red Globe** — Another of the Southport type; though it does not attain the size of its companions it has just as good keeping qualities. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.65.

## ONION SETS

**White** — Qt. 25 cts.,  $\frac{1}{2}$  pk. \$1.00.

**Yellow** — Qt. 25 cts.,  $\frac{1}{2}$  pk. \$1.00.

**Red** — Qt. 25 cts.,  $\frac{1}{2}$  pk. \$1.00.

**White Potato, or Multiplier** — Qt. 40 cts.  $\frac{1}{2}$  pk. \$1.40.

**Shallots** — Qt. 35 cts.,  $\frac{1}{2}$  pk. \$1.30.



## PARSNIPS

**Culture** — Dig the soil deeply and sow about  $\frac{1}{2}$  inch deep, about 18 inches between rows; thin out to about 3 inches in row. The roots improve after a little frost. One ounce will sow about 150 feet of drill.

**Hollow Crown Improved** — The best variety; long, white and sweet. Pkt. 10 cts. oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Long Smooth White** — Tender and delicious in flavor. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts.

## PARSLEY

One ounce will sow about 150 feet of drill

**Culture** — Parsley requires a rich, mellow and deep soil. Soak the seed for a few hours in tepid water, and sow early in the spring in drills 1 foot apart and  $\frac{1}{2}$  inch deep. Thin out the young plants to 4 inches. Hamburg Parsley should be treated the same as carrots.

**Extra Double Curled** — A standard market variety, used for garnishing and flavoring. The leaf is finely cut and curled and a vivid green in color. Handsome. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Champion Moss Curled** — A particularly beautiful type. As its name implies, a bed of this has the appearance of fine moss. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.00.

**Exhibition Curled** — Pkt. 25 cts., 5 pkts. \$1.00.

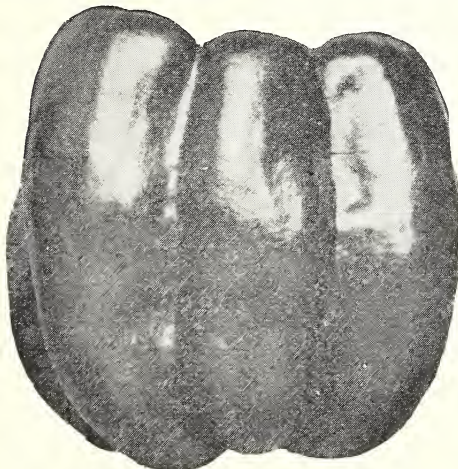
**Fern-leaved** — This is a distinct variety, very different from the foregoing. We have the true type. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.00.

**Plain** — Known widely as Italian Parsley. Used for flavoring. Pkt. 10 cts., oz., 15 cts.  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Hamburg or Rooted** — The roots of this type resemble parsnips. They are served similarly or used for flavoring soups. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.00.



Extra Double Curled Parsley



Chinese Giant Pepper

## PEPPER

**Culture** — Sow indoors in March; transplant into flats or pots, then in May, after all danger of frost has passed, set out 18 inches, in rows 30 inches apart. Keep well cultivated and fertilize often.

**Chinese Giant** — Half again as large as Ruby King; thick flesh, highly recommended. Pkt. 10 cts., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.50.

**Bull Nose, or Large Bell** — Good size and flavor. Pkt. 10 cts., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.25.

**Ruby King** — (Selected). Large fruit, very mild; fine producer. Pkt. 10 cts., oz. \$1.25,  $\frac{1}{4}$  lb. \$3.75.

**Long Red Cayenne** — Long bright red, pungent; very productive. Pkt. 10 cts., oz. 80 cts.,  $\frac{1}{4}$  lb. \$3.00.

**Sweet Mountain** — Sweet, of good size, desirable for pickling. Pkt. 10 cts., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.00.

**Red Chili** — Very pungent; short, pointed; used for pepper sauce or pickling. Pkt. 10 cts., oz. 80 cts.,  $\frac{1}{4}$  lb. \$3.00.

## PUMPKIN

**Culture** — Sow in May in hills or among corn, about 5 seeds to a hill and thin out to 3 plants; if planting more than one variety give plenty of room between, as there is danger of hybridizing. One ounce will sow 50 hills.

**Connecticut Field** — The best variety for stock feeding. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Large Cheese** — Flat; flesh yellow and sweet, one of the best for family use. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.,

**Winter Luxury** — Excellent for pies; flesh brownish yellow, fine texture, thick and very sweet. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{2}$  lb. 50 cts.

## RHUBARB

**Culture** — Sow in drills very thinly, about 1 inch deep; thin out to 6 inches apart and transplant to permanent bed in fall, about  $3\frac{1}{2}$  feet apart each way. One ounce to 150 feet of drill.

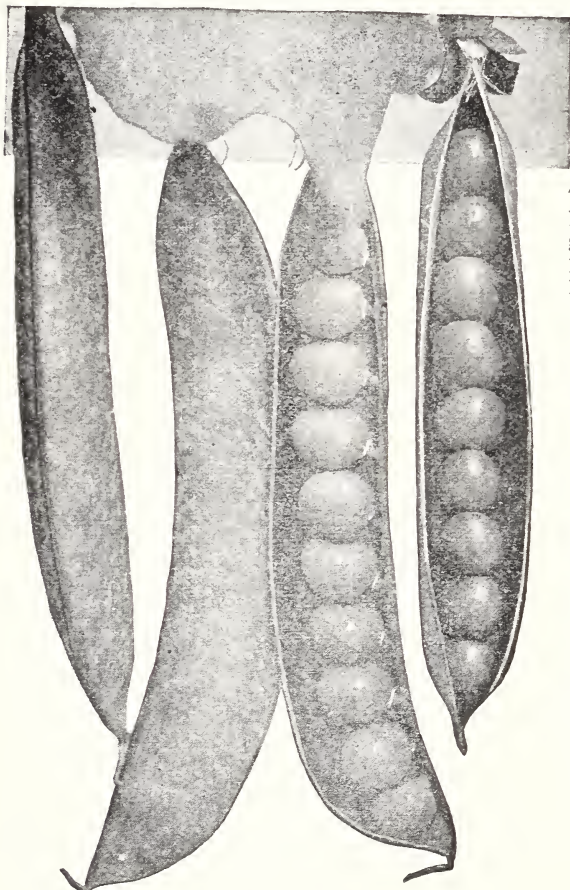
**Linnaeus** — Large; early and very tender. Pkt. 10 cts., oz. 30 cts.

**Victoria** — Fine cooking variety; larger stalk than above. Pkt. 10 cts., oz. 30 cts.

## SWISS CHARD

**Culture** — Similar to beets; when thinning out allow about 8 inches between rows. One ounce to about 150 feet of drill.

**Lucullus** — Without doubt the best variety for market or home garden; stalks tall, and can be blanched by hilling up. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 70 cts., lb. \$2.00.



Gradus Peas

## PEAS

**Culture** — Sow all smooth Peas as early as condition will permit, and continue with wrinkled varieties every two weeks until July 1, then sow smooth varieties from July 15 to August 10. For fall crop sow 2 inches deep, in rows 3 feet apart, and cultivate like beans and corn. The tall-growing kind should be brushed to keep plants off the ground. Peas should have good, rich soil to give the best results. One pound will sow about 50 feet of drill, 5 to 6 pounds to the acre.

All peas shipped at purchaser's expense

### EARLY VARIETIES

**Alaska** — Extra-early round Pea for early sowing; about 2 feet high.  $\frac{1}{2}$  lb. 20 cts., lb. 25 cts., 2 lbs. 50 cts., 8 lbs. \$1.60.

**American Wonder** — A fine early wrinkled variety. 1 foot.  $\frac{1}{2}$  lb. 15 cts., lb. 30 cts., 2 lbs. 60 cts., 8 lbs. \$1.75.

**Gradus, or Prosperity** — Without doubt the best variety yet introduced, combining earliness with quality and productiveness. The flavor is delicious and of lasting quality even for considerable time after picking.  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 8 lbs. \$2.50.

**Laxtonian** — Resembles Gradus in every way except that it grows only 18 inches high. Retains its flavor and withstands weather conditions wonderfully for so large a type.  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75, 8 lbs. \$2.50.

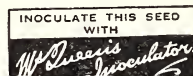
**Little Marvel** — Though it grows only 15 inches high, it surpasses almost any other dwarf-growing variety in quality, size and number of Peas to pod.  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 8 lbs. \$2.50.

**Nott's Excelsior** — An improvement over American Wonder, the pods being fuller and larger. 14 inches.  $\frac{1}{2}$  lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 8 lbs. \$2.25.

**Blue Bantam** — Extra-early variety; large Peas, but very sweet.  $\frac{1}{2}$  lb. 30 cts., lb. 50 cts., 2 lbs. 85, 8 lbs. \$3.00.

**Sutton's Excelsior** — Compares well with Little Marvel, although the Peas are not quite as large, but probably more productive. 18 inches.  $\frac{1}{2}$  lb. 30 cts., lb. 50 cts., 2 lbs. \$1.00, 8 lbs. \$3.50.

**Everbearing** —  $\frac{1}{2}$  lb. 30 cts., lb. 50 cts., 2 lbs. \$1.00, 8 lbs. \$3.50.





## PEAS (continued)

## Mid Season and Main-Crop Varieties

**Alderman** — A distinctly different Pea in habit from those described in the Early list. On generous soils it grows to a height of 5 to 6 feet, and should be supported with brush or trellises. The pods contain seven large, elongated, dark green Peas of the highest quality, and follow in the wake of Thomas Laxton. The plant bears very profusely and the Peas bring the highest price in market. Height 5 feet.  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75.

**Quite Content** — One of the largest-podded Peas in existence and in season similar to Alderman. This variety is preferred by many growers to Alderman on account of its large pods. Height 5 feet.  $\frac{1}{2}$  lb. 30 cts., lb. 50 cts., 2 lbs. \$1.00, 5 lbs. \$2.25.

**Boston Unrivalled, or Telephone** — This variety is much like Alderman, with vines fully as tall, pods slightly smaller, and bears right up to the season of the very late sorts. The yield of pods is not so great and they are not so well filled as Alderman. The Peas are every bit as tender, but darker green in color and sweet. Height 5 feet. Pkt. 10 cts.,  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75.

**Potlach** — Really an improved Stratagem and, without a doubt, the best dwarf, extremely late Pea. Healthy bluish green vines, bearing loads of deep green pods; frequently an average of eight pods in pairs containing an average of seven fine, large Peas of superfine flavor. A continuous bearer from July 1 to 15 in most seasons. Height 2 feet. Pkt. 10 cts.,  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.85, 15 lbs. \$5.45.

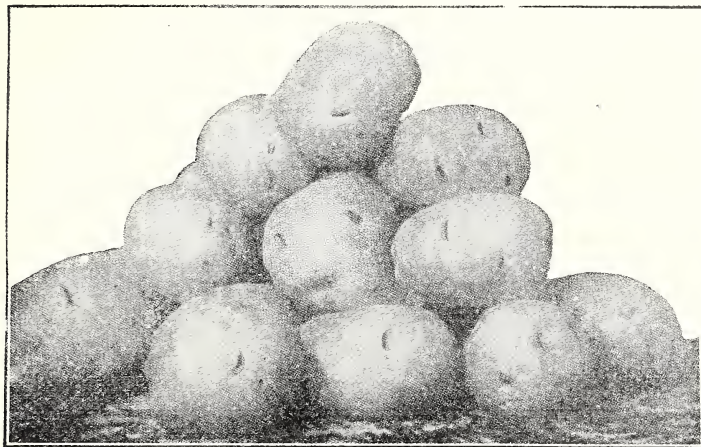
**Champion of England** — Vines grow 4 to 5 feet high. Peas of excellent quality and delicious flavor.  $\frac{1}{2}$  lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75.

All Varieties Peas can be supplied in Pkts. 10 cts., Each.

## SEED POTATOES

*Culture* — Potatoes do best in a rich, loamy soil, but can be grown on other soils if given cultivation and fertilizer. New land, with the turf freshly turned, often produces the best crops. Furrow deep, about 3 feet apart and seed 12 inches in rows; cover about 2 inches and hill around plants as you cultivate. Eight to 10 bushels will plant an acre.

All potato prices are subject to change without notice



Our select Seed Potatoes insure big crops

be used before thoroughly ripe; cooks mealy; round in shape Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

## Medium to Late Varieties

**Beauty of Hebron** — Excellent keeper; smooth, white and pink skin; potatoes of good size. Pk. \$1.00 bu. \$3.50, bbl. \$10.00.

**Carman No. 3** — Large, oblong shape; white; fine yielder. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

**Green Mountain** — For a yielder this ranks first among the lates. Wonderful keeper; excellent quality. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

**Rural New Yorker No. 2** — A fine late sort, large cropper, and is highly recommended. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

**Russett** — Long russet, thick skinned variety; fine for baking; grows exceptionally well in this climate. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

**Sir Walter Raleigh** — Late; fine quality, good cropper. Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

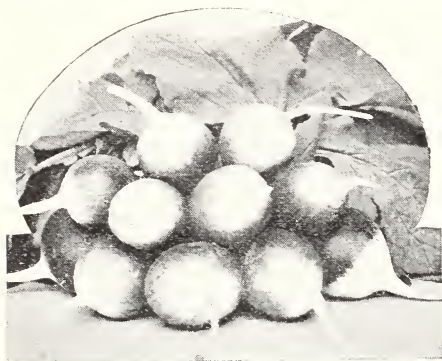
## Early Varieties

**Earley Boyee** — Earlier than Rose. Dwarf, stocky vines, very productive, splendid flavor Pk. \$1.00, bus. \$3.50, bbl. \$10.00.

**Irish Cobbler** — Without a doubt the earliest of all standard sorts, fine cropper, good keeper, creamy white color. Pk. \$1.00 bus. \$3.50, bbl. \$10.00.

**Early Rose** — A favorite both for looks and cooking qualities; long; rose-colored skin. Pk. \$1.00., bus. \$3.50, bbl. \$10.00.

**Early Ohio** — One that can



Early Scarlet White Tip Radishes

- Black Spanish (Round)** — Medium size, crisp, and tender. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts.  
**Long Scarlet Short-Top** — Long, bright scarlet, with small top. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.  
**Long White Vienna, or Lady Finger** — Rapid grower, long tapering flesh; pure white. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.  
**White Icicle** — The finest of the long white Radishes. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts.

## SALSIFY, or VEGETABLE OYSTER

*Culture* — Sow in early April, about 1 inch deep, in rows about 12 inches apart; thin to 5 inches in row. Cultivate well and store before frost for winter. One ounce to 60 feet of drill.

**Mammoth Sandwich Island** — A popular variety; large, mild, and of delicious flavor. Pkt. 10 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.50.

## SPINACH

*Culture* — Sow in early April in good rich soil, about 1 inch deep, in rows 12 inches apart; again in August. Sow one ounce to 100 feet of drill.

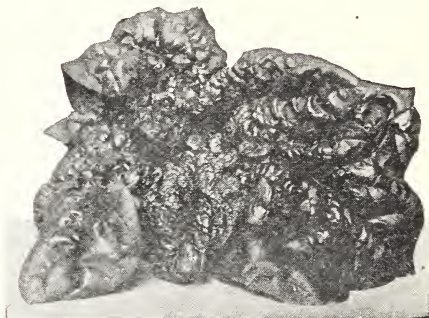
**Bloomsdale Savoy** — Crinkled leaved variety, very tender. Vigorous grower and a useful variety for market gardeners. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Long Season** — Dark green leaves of excellent quality; stands about two weeks longer than other varieties before running to seed. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Victoria** — Thick, dark green leaves of fine texture, heavily crumpled. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Prickly, or Winter** — Vigorous and hardy; for winter use. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 75 cts.

**New Zealand** — Under proper condition this variety will produce all summer, giving a wonderful crop even in hot weather. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 75 cts.



Victoria Spinach



Golden Hubbard Squash

## RADISHES

*Culture* — Sow early and often for succession, in rich loamy soil in drills about 12 inches apart; thin out by pulling the large ones for use. One ounce to 100 feet of drill, about 10 pounds to the acre.

**French Breakfast** — Oval shaped, white tipped, very crisp. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Early Scarlet Turnip** — Small round; fine for early use. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Early Scarlet Globe** — Globular; fine color, crisp, and tender. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Early Scarlet, White-tipped** — Excellent variety for forcing or outdoors. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Giant White Stuttgart** — Winter sort; flesh white and of fine flavor. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Black Spanish (Long)** — Long in shape; fine winter keeper. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts.

## SQUASH

*Culture* — Plant in hills 4 feet apart each way, allowing about 8 to 10 seeds to a hill; thin out when plants are strong to about 5 to a hill. Keep well cultivated and dust plants with Bordeaux Mixture to prevent blight. One ounce will plant about 25 hills, about  $3\frac{1}{2}$  pounds for an acre.

**Delicata** — Oblong shape; yellow flesh, delicious for baking. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Early White Scallop Bush** — One of the earliest sorts; flesh white, very meaty; bushy grower and wonderful producer. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 70 cts.

**Golden Custard Bush** — Scallop-shaped, rich golden flesh, of excellent flavor. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.



## SQUASH (Continued)

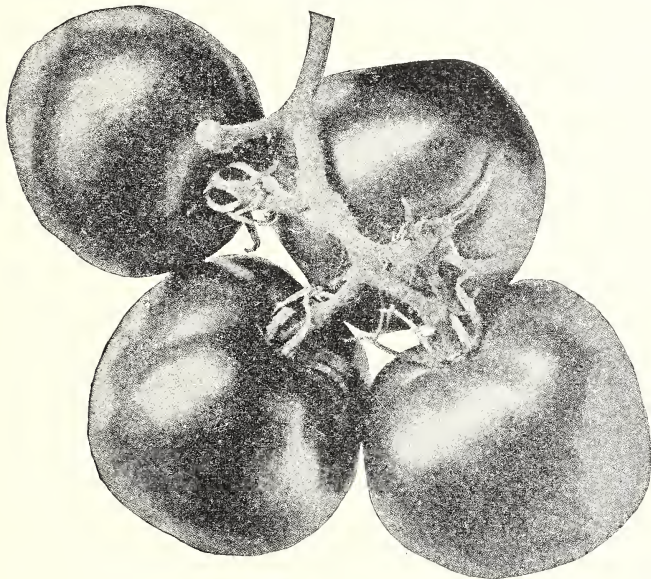
**Giant Summer Crookneck** — Much better than original variety; large; thick flesh, delicious flavor, fine for baking. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Golden Hubbard** — Shaped like Hubbard; has rich orange skin. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Hubbard** — Old time variety, still most popular; excellent keeper and fine for winter. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Boston Marrow** — One of the best sorts for autumn and early fall use. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 70 cts.

**English Vegetable Marrow** — Popular English market sort, excellent keeper; tender, thick flesh, of fine quality. Pkt. 10 cts., oz. 35 cts.



Tomato

tinged, with purple; perfectly smooth. One of the earliest. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.25.

**Crimson Cushion** — The color is scarlet crimson, untinged with purple; ripens almost to the stem; large, solid and almost seedless. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**John Baer** — An extra early scarlet fruited variety of superior merit. The vines are very hardy and exceptionally productive. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Stone** — For a shipping Tomato, the Stone has always held first place. This is because of its keeping quality. The flesh is very firm and solid and will withstand considerable handling. The flavor, of course, is excellent. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.25.

**Dwarf Stone** — Similar to tall Stone in color and size of fruit; comes in as early as Dwarf Champion, and is the same in habit of vine. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.25.

## PINK OR PURPLE SORTS

**Livingston's Globe** — Fruits large, smooth and perfect globe-shaped; fine glossy pink, tinged with purple; is exceptionally firm. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Ponderosa** — One of the largest and most solid varieties in cultivation, some fruits attaining the weight of a pound and over. Nor has it been surpassed in delicious meaty flavor. The color is a glowing purplish crimson. Considering its size, it is quite regular in shape, and many consider it the finest for slicing and table use, as it has few seeds. The earlier fruits ripen quickly and it bears well until very late. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Dwarf Champion** — Very early; fruit medium-sized, smooth and of fair quality. Plant of characteristic stocky habit. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

## TOMATO

*Culture* — Sow thinly in hotbeds or boxes early in March and prick out into flats or pots when about 2 inches high; transplant in open ground after all danger of frost is over. One ounce will produce about 3,000 plants.

**Bonny Best** — An extra early, scarlet, round fruited variety of great value. The fruit is very even in size and shape. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Earliana** — Very early, large variety, uniform size, very productive; fruit is round, smooth and firm; bright red. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Perfection** — An early variety; blood red; perfectly smooth. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts., oz. 45 cts.,  $\frac{1}{4}$  lb. \$1.25.

**Acme** — Rich, glossily, crimson,

## SMALL FRUITING VARIETIES

**Peach** — Resembles the peach in color. Pkt. 10 cts., oz. 40 cts.

**Plum** — Yellow, oval, small size; used for preserves. Pkt. 10 cts., oz. 40 cts.

**Pear, or Fig** — Bright red, pear-shaped, small; for preserves. Pkt. 10 cts., oz. 40 cts.

**Red Cherry** — Used for preserves; small round fruit. Pkt. 10 cts., oz. 50 cts.

**Currant, or Grape** — Small, red fruit in clusters. Pkt. 10 cts., oz. 50 cts.

**Red Plum** — Used for preserves, small. Pkt. 10 cts., oz. 50 cts.

**Strawberry, or Ground Cherry** — (*Physalis alkengi*.) The fruit, which grows in a husk, will keep all Winter; makes an excellent preserve. Pkt. 10 cts., oz. 40 cts.

## FORCING TOMATOES

*Culture* — Varieties recommended for cultivation under glass, yielding during winter and spring.

**Comet** — Grown very largely by both private and market-gardeners. It is very short-jointed, fruiting close up to the stem. The Tomatoes are of medium size; deep scarlet. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 30 cts., oz. \$1.00.

**Stirling Castle** — A very superior variety for either forcing or outdoor culture. Very heavy cropper, of medium size, smooth and round. Color a clear red. Remarkable for its free setting qualities and delicious flavor. Pkt 15 cts.,  $\frac{1}{4}$  oz. 30 cts., oz. \$1.00.

**Sunrise** — A fruit of fine quality, medium in size, perfectly round, and produced in characteristic long clusters. It is considered by many growers to be the best indoor Tomato grown, and the best outdoor variety where a small "wholesalad" type of fruit finds favor. Sunrise has won many awards and prizes. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 30 cts., oz. \$1.00.

**Ideal Forcing** — A splendid new Tomato for greenhouse growing, of uniform medium size and pleasing globe shape. The flavor is all that can be desired, while the flesh is thick and firm. The seed cavity is small and the seeds are few. The color is a brilliant scarlet. Pkt. 25 cts.

## POT AND MEDICINAL HERBS

Varieties marked A, are Annual; P, Perennial

	Pkt.	Oz.
Anise — A. Aromatic. For garnishing and flavoring.....	\$0.10	\$0.35
Balm — P. Leaves used medicinally.....	.10	.30
Basil, Sweet — A. Used for flavoring.....	.10	.20
Borage — A. Valuable for bees and for flavoring.....	.10	.20
Chamomile — P. Has medicinal qualities.....	.15	.75
Caraway — A. Seeds used in confectionery.....	.10	.20
Catnip — P. Used for medicinal purposes.....	.10	1.00
Coriander — A. Seeds used in confectionery.....	.10	.20
Dill — A. Used for flavoring pickles.....	.10	.20
Fennel — P. Used for flavoring fish sauces.....	.10	.20
Horehound — P. Useful for its tonic properties.....	.10	.25
Lavender — P. Valuable for its perfume.....	.10	.50
Marjoram, Sweet — P. For flavoring; also as a tonic.....	.10	.50
Mint Plants..... 10 cts. each, 75 cts. per doz.....		
Rosemary — P. Valuable as a hair wash.....	.10	.50
Rue — P. Very bitter. Used as medicine.....	.10	.15
Saffron — A. For medicinal purposes.....	.10	.20
Sage — P. Leaves are used in dressings and sauces.....	.10	.75
Summer Savory — A. Used in cookery for seasoning.....	.10	.50
Tarragon Plants — (French Estragon.) Plants of our own growing, of the genuine French Tarragon. The leaves impart a delicious flavor to salads, soups, pickles, etc. ....		
.....25 cts. each, \$2.50 per doz. By mail, 5 cts. each extra.....		
Thyme — P. Used for seasoning.....	.10	1.00
Wormwood — P. Used medicinally.....	.10	.50



## TURNIP

*Culture*— Sow thinly in drills 1 inch deep, 12 inches apart; thin out to 3 to 10 inches apart according to variety; cultivate well. Take up for winter use before frost sets in and store in cool cellar or pit. One ounce to 200 feet of drill.

**Early White Milan**— Exceedingly early; flesh ivory white throughout; fine flavor. Pkt. 10 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.25.

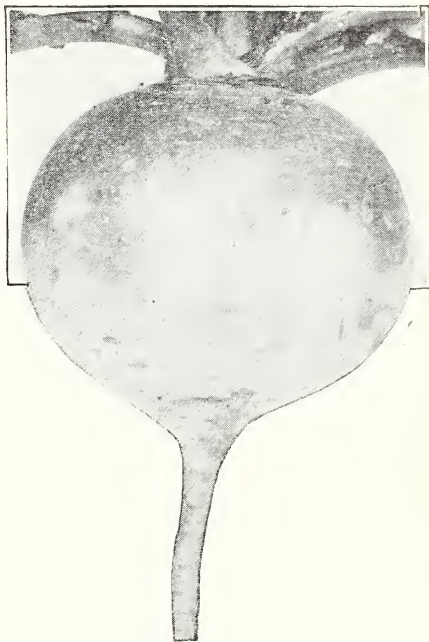
**Purple-Top Strap-Leaf**— Standard flat sort; valuable for market use. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 90 cts.

**Purple-Top Globe-Shape**— Similar to above but globe-shaped; heavy cropper. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 90 cts.

**Snowball**— Small, white, round sort, very sweet. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 90 cts.

**Yellow Aberdeen**— Fine variety for keeping. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 90 cts.

**Cowhorn, or Long White**— Best long white; very tender. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 85 cts.



Purple-Top Strap-Leaf Turnip

## RUTABAGA, or SWEDISH TURNIP

**American Purple-Top**— Large purple-top, yellow Turnip; flesh sweet and tender, fine keeper. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Budlong's Improved**— Greatly improved variety; large size, sweet to the taste, and a good keeper. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Improved Purple-Top**— Large; smooth skin, fine grained flesh of rich yellow; splendid keeper. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. \$1.00.

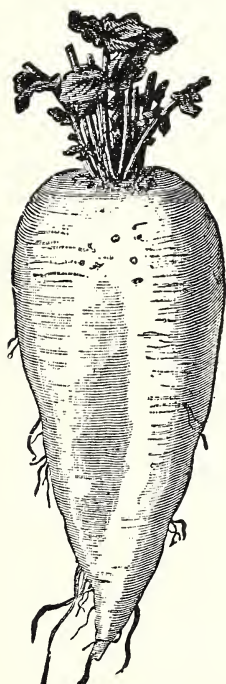
## MANGEL-WURZEL

*Culture*— Similar to beets, but more room is required when growing; allow 6 inches in row and 18 inches between rows. Mangels are used principally for stock feed, and have proved to be economical and nutritious.

**Mammoth Long Red**— One of the largest Mangels, of exceptional nutritious qualities; heavy cropper, easily harvested; flesh blood red. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Golden Tankard**— The best of the yellow types; valuable for its feeding properties. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Klein Wanzleben**— Best Sugar Beet. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.



Mangel-Wurzel



Ninth Green Shaker Heights Country Club

## Cook's "Aulseed" Lawn Grass Mixture

Our Lawn Mixture is all the name implies; it contains no chaff, but is composed only of select re-cleaned grasses, proportioned to insure a close, hard wearing, evergreen turf. Our experience has been that bulk does not mean satisfaction in mixture, therefore we take special pains to see that nothing but *heavy first quality seeds* are used, tested as to germination and purity. One pound will sow 300 square feet. Four bushels (100 lbs.) to the acre. Lb. 60 cts., 3 lbs. \$1.75, 5 lbs. \$2.85, 10 lbs. \$5.50, bus. (25 lbs.) \$13.50, 100 lbs. \$52.50.

### "AULSEED SHADY LAWN MIXTURES"

This mixture is composed of grasses that will give satisfaction under trees or shaded spots where it is impossible for other grasses to grow. While not as fine as our regular Lawn Mixture, it will be found better adapted for conditions intended. Lb. 65 cts., 10 lbs. \$6.00, 20 lbs. \$12.00. We also offer special mixtures for tennis courts, polo fields and other athletic grounds. Specifications and prices on application.

### CREEPING BENT LAWNS

Where especially fine lawns are desired, we recommend seeding entirely with Bent. This grass is very close growing, forming a smooth surface such as used for Putting Greens. Our seed is re-selected, free from chaff and of the Highest Purity and Germination test. Price: 1 lb., \$1.50; 5 lbs., \$7.25; 10 lbs., \$14.75.

## Golf Course Grass Mixtures

### "AULSEED" PUTTING GREEN MIXTURE

While we do not attempt to offer a Putting Green Mixture that will suit every condition this mixture will suit a general demand for renovating purposes. It is composed of high grade grasses, tested for purity and germination. Where new greens are to be seeded we would prefer making up special formulas to suit soil and climatic conditions. 1 lb. 1.00; 5 lbs. \$4.75; 25 lbs. \$23.75.

### "AULSEED" FAIR GREEN MIXTURE

Composed of strong, hardwearing grasses, well balanced to produce hard-wearing turf. We are pleased to submit special formulas where extensive seeding is contemplated. Lb. 75 cts.; 5 lbs. \$3.50; 25 lbs. \$17.00.

Price on Grass Seed subject to change without notice.

## CLOVERS

Prices subject to change without notice

	Lbs. to acre			
Medium Red Clover — ( <i>Trifolium pratense</i> ).....	15	\$0.75	\$7.00	\$60.00
Mammoth Red Clover — ( <i>T. pratense perenne</i> ). Sow 15 pounds to the acre for green manure.....	15	.75	7.00	60.00
White Dutch Clover — ( <i>T. repens</i> ). Valuable for lawns.....	10	.75	7.25	70.00
Alfalfa — Specially selected stock. Western grown.....	30 to 40	.40	3.75	35.00
Alsike Clover — Suitable for hay and pasture.....	15	.70	6.00	55.00
Crimson Clover — ( <i>T. incarnatum</i> ).....	20	.60	5.00	45.00
White Bokhara, or Sweet Clover, Valuable for improving poor soils	15	.70	6.00	55.00

## Regarding Prices on Grass and Clover Seed

As prices on Grass and Clover seeds are governed by market conditions and are subject to change daily, we would request that prospective customers write us before placing orders and procure the latest market quotations. Our Grass and Clover seeds are all of the purest, re-cleaned quality, and samples will be cheerfully submitted for your approval on application. Prices on quantity f. o. b. Cleveland, and subject to change without notice.

## GRASSES IN VARIETIES

Prices subject to change without notice

Owing to conditions in Europe, where many fine grasses have been grown, we are unable to offer several varieties this season. We would be pleased to hear from our customers who may be interested in these grasses, and if possible to procure, will do so at market prices.

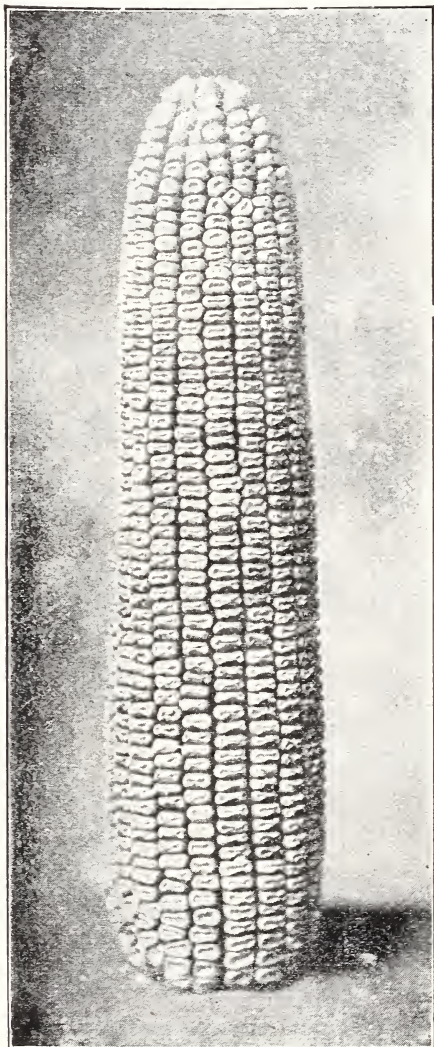
	Weight per bu.	Lb.	10 lbs.	100 lbs.
Bermuda Grass — ( <i>Cynodon dactylon</i> ).....	36	\$0.90	\$8.00	\$70.00
Canadian Blue Grass — ( <i>Poa compressa</i> ). Good for hard clay soils.	18			
Creeping Bent — ( <i>Agrostis stolonifera</i> ). True German Strain.....			Price on application	
Crested Dog's Tail — ( <i>Cynosurus cristatus</i> ). Excellent for terrace mixtures.....	30			
English Rye Grass — ( <i>Lolium perenne</i> ). Valuable for hay and pasture	24	.35	2.50	22.00
English Rye Grass, Pacey's Strain — ( <i>Lolium perenne</i> ). Shortseeded	24	.35	2.75	25.00
Sheep's Fescue, Fine-leaved — ( <i>Festuca ovina angustifolia</i> ).....	20		Price on application	
Hard Fescue — ( <i>Festuca duriuscula</i> ). For poor soils.....	14		Price on application	
Italian Rye Grass — ( <i>Lolium italicum</i> ). Quick-growing grass, necessary in pasture mixture.....	22	.35	3.00	25.00
Kentucky Blue Grass — ( <i>Poa pratensis</i> ). One of the best known grasses for lawns and permanent pastures. Will thrive well and remain green in spite of weather conditions. Suitable for all soils.....	14	.75	7.00	65.00
Meadow Fescue — ( <i>Festuca pratensis</i> ). English Blue Grass, valuable for permanent pasture.....	27	.40	3.25	30.00
Meadow Foxtail — ( <i>Alopecurus pratensis</i> ).....	10	.70	6.25	50.00
Orchard Grass — ( <i>Dactylis glomerata</i> ). Valuable for hay and pasture	14	.45	3.50	30.00
Red Fescue (Chewing's New Zealand) — One of the best grasses for lawns and putting greens; thrives well on all soils, creeping habit leaving little room for weeds to show.....	27	.65	5.50	50.00
Re-cleaned Red Top Fancy — ( <i>Agrostis vulgaris</i> ). Our stock of this well-known grass has been selected with utmost care as to purity and germination. Valuable for lawns.....	36	.50	4.75	45.00
Rhode Island Bent — ( <i>Agrostis canina</i> ). As the crop of this grass has been a failure we have none to offer. We recommend Fancy Red Top as a substitute. Ask for prices and 1926 supply.....	14			
Rough-stalked Meadow Grass — ( <i>Poa trivialis</i> ). For hay.....	26	.70	6.50	60.00
Sweet Vernal, True — ( <i>Anthoxanthum odoratum</i> ).....	10	.90	8.00	75.00
Tall Fescue — ( <i>Festuca elatior</i> ). Valuable for hay.....	22	.40	3.50	30.00
Timothy — ( <i>Phleum pratensis</i> ).....	45	.20	1.90	18.00
Various-leaved Fescue — ( <i>Festuca heterophylla</i> ).....			Price on application	
Wood Meadow Grass — ( <i>Poa nemoralis</i> ).....			Price on application	





## GRIMM ALFALFA

Originated in Minnesota many years ago, selected from the hardiest plants year after year until it is a fixed type of extreme vigor. The crown is receding, so is protected by the surface of the soil and is very heavily stooling, one root often producing 300 to 400 shoots. Roots are fibrous and branching, instead of having a long tap root. Some growers report larger yields of Grimm than other strains, giving a leafier, finer hay. Our seed is guaranteed to be the genuine Grimm and is unsurpassed in purity. A farmer who fails to have a field of Alfalfa on his farm is losing one of the best investments he can make. It has high feeding values, and yields heavily. Market Price.



Pride of the North Yellow Dent Corn

## FIELD CORN

All prices of Corn subject to change without notice

**Eureka Yellow Dent**—We recommend it for southern Michigan, northern Ohio, Indiana and Illinois, and for southern Pennsylvania. Many farmers like it for an early ensilage Corn. Ears run very symmetrical, light golden yellow in color. The cob is so small it dries out very quickly after maturing. Type well fixed and yields run high. Pk. \$1.50, bus. \$5.50.

**Improved Leaming Yellow Dent**—Medium early, maturing in 100 to 110 days. Grown largely in eastern and central states, for grain and fodder. Stalks often reach 10 and 12 feet in height. Often produces 125 bushels of shelled Corn per acre, stalks, usually bearing 2 ears. Pk. \$1.50, bus. \$5.00

**Pride of the North**—Has been a standard early yellow dent for over 25 years. A profitable variety to grow because of the great weight of the grain per measured bushel of ears. The cob is small, often 70 pounds of ears will shell 62 pounds of grain. Grain is bright orange-yellow. Ears run 7 to 8 inches long. Matures in 90 days under favorable conditions. Pk. \$1.50, bus. \$5.00.

**Early White Flint**—The earliest white flint Corn. ears 12 to 15 inches long, and 8-rowed. Matures in 85 to 90 days. Grain is flinty white, kernels are remarkably large for size of cob. Pk. \$1.50 bus. \$5.00.

**Longfellow Flint Corn**—Largest and most productive of all flint Corns. Ears large, rich yellow color, 10 to 12 inches long and usually contain 8 rows of broad kernels. Average is 2 ears to the stalk. Can be planted very close so that an immense amount of fodder and grain is obtained per acre. Stalks are leafy, making good fodder. Longfellow will mature in 90 to 100 days or even less time under favorable weather conditions Pk. \$1.50, bus. \$5.00.

## Ensilage and Fodder Corn

**Yellow Ensilage**—Large yellow dent Corn. A favorite with farmers who wish a large amount of grain in silo. More easily cured than Red Cob, and smaller growing. Fodder is especially nutritious. Pk. \$1.50, bus. \$5.00.

**Red Cob**—Large pure white Corn with a red cob. One of the best to feed green from the field, to cure and stack away or for the silo. Fields in Michigan have cropped 45 tons per acre. Pk. \$1.50 bus. \$5.00.

**Earliest Sweet Fodder Corn**—Increases production of milk and cream wonderfully. Many farmers use our Earliest Sweet Fodder Corn in preference to all others. An early Sweet Corn variety that will mature ears in the northern states. Stalks are of medium height, sweet, juicy, tender and very nutritious. We consider this one of the most valuable fodder plants. Write for prices.

# MISCELLANEOUS FARM SEEDS

All Prices on Farm Seeds Subject to Market Changes



## SEED OATS

### Cook's Selected Storm King

Produces 60 to 70 bus. per acre

The seed of this handsome variety was originally imported, but it has been grown in this country for a number of years and is now thoroughly acclimated. The straw is long and stout and does not easily lodge. The grain is short, plump, heavy and of the highest feeding value; produces from 60 to 70 bushels to the acre. We recommend Storm King to every farmer who desires a reliable and profitable variety. Standard bus. (32 lbs.) \$2.75, 10 bus. lots and over, \$2.50 per bus.

**Clydesdale** — (American Grown). A popular sort; early and productive. Standard bus. (32 lbs.) \$2.50, 10 bus. lots and over, \$2.25 per bus.

**White Swedish** — A fine and productive variety, with heavy, white, plump grains borne in close, compact, branching heads. It is extremely early and does well on any good farm land. Standard bus. (32 lbs.) imported seed \$5.00 per bus.

## DWARF ESSEX RAPE

Largely grown as a fattening food for sheep in the Autumn. It is also especially desirable for pasturing hogs during the Summer months. In the Northern States seed may be sown at any time, from early Spring until the end of August. Sow 10 to 12 lbs. to the acre broadcast, or 4 to 5 lbs. to the acre in drills 15 inches apart. Lb. 20 cts., 100 lbs. \$15.00.

## BEARDLESS SPRING BARLEY

Its straw is good for green feed, or when cured, as hay. The grain in the hull is excellent poultry-feed and with the hull removed is used in the household. It is a quick-growing crop and very nutritious. Sow broadcast  $1\frac{1}{2}$  to 2 bushels to the acre from May 15 to July 1. Bu. \$4.50.

## SPRING WHEAT

**Saskatchewan** — A favorite variety for spring; vigorous and productive. Bu. (market price.)

## SPRING RYE

Used as a catch crop to sow where winter grain has failed. Market price.



# FARM SEEDS—Continued

## VELVET BEANS

Largely grown in the South and used as a fertilizing plant for turning under. Both vines and pods are eaten by livestock and the Beans can be ground either with or without the pods and fed instead of Corn or Oats or can be mixed with them. Pk. \$2.25, bu. \$8.00.

## BUCKWHEAT

Sow 1 bus. to the acre

**Japanese** — Excels all other varieties in yield and earliness and can be grown farther north than any other sort. Large grain and an enormous yielder. Bus. (48 lbs.) \$4.00.

## SUDAN GRASS

Very closely related to the Sorghum family, is a native of Sudan, Egypt, where it has withstood hot winds and drought for years. Under these wide and varied climatic conditions the results were so satisfactory that it is not only destined to be one of our greatest hay and forage plants, but is already firmly established as such. Sow 30 lbs. per acre broadcast. Lb. 25 cts., 100 lbs. \$20.00

## SOY, or SOJA BEANS

Plant  $\frac{3}{4}$  bus. per acre in drills  $2\frac{1}{2}$  feet apart

The use of this crop is increasing everywhere. Soja Beans make a larger growth than Cow Peas and can be cut and cured to better advantage. They also furnish a richer and more fattening feed than the Peas, since they contain larger amounts of oil and protein. These properties make Soja Beans particularly valuable as a feed for milch cows and as a general forage crop.

**Mammoth Yellow** — Pk. \$1.75, bus. (60 lbs.) \$6.00.

## COW PEAS

Specially adapted to warm climates; also valuable in this latitude as a forage plant; their chief value, however, is as a green crop to plow under. The seed should not be sown until the ground has become well warmed.

Sow 1 bus. to the acre in drills; 2 to  $2\frac{1}{2}$  bus. broadcast

**Whippoorwill** — A popular early variety; very productive and largely grown as a soil improver. Bus. \$7.00.

**Clay** — So called from the color of the seed; adapted to the northern states. Bus. \$7.00.

**New Era** — An early-maturing variety of quick, upright growth; cures easily and makes a splendid dry forage. Bus. \$7.00.

**Black Eye** — Valuable for green Summer feeding. Bus. \$7.00.

## CANADA FIELD PEAS

Sow  $1\frac{1}{2}$  bus. to the acre

Valuable for northern climates for cattle feeding. The most satisfactory method of sowing is with Oats or Rye. Quite hardy and may be sown early in the Spring, will be ready to cut in May or June. Bus. (60 lbs.) \$6.00.

## WINTER VETCH

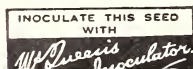
(*Vicia Villosa*)

Also called Sand or Hairy Vetch. Produces good crops on poor sandy soils, though it is much more vigorous on good land. It is perfectly hardy, remaining green all Winter, and should be sown during August and September, mixed with Rye, which serves as a support for the plants. Seed should be sown broadcast at the rate of  $1\frac{1}{2}$  bushels to the acre, or 1 bushel with  $\frac{1}{2}$  bushel of Rye. Lb. 35 cts., 100 lbs. \$30.00.

## SPRING VETCH

(*Vicia Sativa*)

One of the most valuable of our field crops for use as a green manure. The seed is frequently sown with Oats, but the usual custom is to sow alone at the rate of 2 bushels to the acre, broadcast. When grown with Oats it makes an excellent green food for stock. Lb. 20 cts., 100 lbs. \$15.00.



# GENERAL LIST OF FLOWER SEEDS

**Hardy Annuals** — Sow in April or May, according to the latitude, in shallow boxes or pots placed in a warm window, in a hotbed, or, if possible, in a greenhouse. A second sowing should be made from 2 to 4 weeks after for a succession. For sowing seeds, use shallow boxes from 2 to 3 inches deep, and of any convenient size. The most suitable soil for the smaller kinds is a very fine, rich, sandy loam. After the seeds are up, care must be taken to give them plenty of air and moisture, yet not too much water, or they will "damp off." When the young plants are well out of the seed-leaf, they must be transplanted to new boxes. If pots 2 inches in diameter can be had, set out as many as required, so that as soon as the ground is warm enough they may be easily transplanted. Boxes, tin cans, etc., may be substituted for pots.

A mistake in sowing flower, as well as other seeds, is covering too deeply. As a general rule, cover only to the depth of the thickness of the seeds. Fine seeds need only to be pressed into the soil with a piece of board or the palm of the hand. Press the earth down firmly after sowing all seeds, or there is danger of their drying up before the roots can get firm hold of the soil. Seeds of the hardier annuals may be sown where they are to grow, but it is preferable to transplant. During very hot weather, and when the seedlings are first set out, they should be watered frequently. Keep weeds down and the ground loosened often.

Seeds of biennials and some hardy annuals may be sown in July and August in the open, and in September in boxes and placed in coldframes. Remove frames during the day whenever the temperature is above freezing in winter.

**Hardy Biennials and Hardy Perennials** — These require the same treatment as the hardy annuals. Hardy biennials and perennials may also be sown in the open from July to September. It is a good plan to cover the plants lightly with straw, leaves, or any dry litter, to afford some protection from the extreme severity of the winter. Remove the covering in spring and loosen the surface around the plants, which, when large enough, may be transplanted to the flower-garden.

**Half-Hardy Annuals** — Sow at any time after the middle of April in a hotbed, which will be sufficient protection; cover the glass with a mat or straw at night until danger of frost is past. Give all the air possible.

**Half-Hardy Biennials and Half-Hardy Perennials** — Require the same treatment as above. Those who do not have glass frames or greenhouses need not be without flowers.

**Abronia** — Umbellata grandiflora. Pkt. 10 cts.

**Abrus** — Precatorius. Pkt. 10 cts.

**Abutilon** — Mixed Hybrids. Pkt. 25 cts.

**Acanthus** — Mollis White. Pkt. 10 cts.

**Achillea** — Ptarmica, Double,  $\frac{1}{8}$  oz. 75 cts.,  
pkt. 25 cts.

**Aconitum** — Napellus (Monkshood), Blue. Pkt. 10 cts.

**Acroclinium** — Mixed. Pkt. 10 cts.

**Acroclinium** — Double, Mixed. Pkt. 10 cts.

**Adonis** — Autumnalis. Crimson. Pkt. 10 cts.

**Agathaea** — Coelestis (Blue Daisy). Pkt. 25 cts.

## AGERATUM

**Little Dorrit** — Azure-blue. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 40 cts.

**Little Blue Star** — Pkt. 25 cts.

**Princess Victoria Louise** — Light blue, white center. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 40 cts.

**Swanley Blue**. Pkt. 10 cts., oz. 75 cts.

## ALYSSUM

**Compactum** — Little Gem. Pkt. 10 cts., oz. 50 cts.

**Procumbens** — White Carpet. Pkt. 10 cts., oz. \$1.00.

**Sagittale compactum** — Pkt. 10 cts., oz. \$1.25.

**Agrostemma** — Coeli-rosa Rose. Pkt. 10 cts.,  
oz. 50 cts.

**Agrostemma** — Coronaria Rose. Pkt. 10 cts.,  
oz. 50 cts.

**Agrostemma** — Coronaria. White. Pkt. 10 cts.,  
oz. 50 cts.

**Agrostemma** — Cornaria. Mixed. Pkt. 10 cts.,  
oz. 50 cts.

**Amaranthus** — Caudatus, Dark. red Pkt 10  
cts., oz. 20 cts.

**Amaranthus** — Tricolor, Variegated. Pkt. 10  
cts., oz. \$1.00.

**Anchusa** — Capensis, Azure-blue. Pkt. 10 cts.

**Anchusa** — Italica, Dropmore, Blue. Pkt. 15 cts.

**Anthemis** — Tinctoria Kelwayi. Pkt. 15 cts.  
oz. \$1.00.





ANTIRRHINUM (Snapdragons)

Special Mixture, Named Sorts — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts., oz. \$1.50  
Collection — 6 named varieties 50 cts.

## ANTIRRHINUM

(Snapdragon)

Antirrhinums, or Snapdragons, are among the most showy of our half-hardy perennials. When sown under glass in February, they can be brought to bloom during July. As a cut-flower, the tall varieties are exceedingly attractive, while the dwarf varieties look very pleasing when used for borders or edging of beds. Grown under glass, also for winter flowering.

### NEW ANTIRRHINUM COOK'S SILVER PINK

This delightful Snapdragon has been largely grown in greenhouses during the winter months by florists and gardeners throughout the United States. A splendid half-high sort with flowers of delicate silver-pink. Pkt. \$1.00.

### GIANT FLOWERED TALL SNAPDRAGONS

Height about 3 feet

**Coral-Red** — A pretty and attractive shade. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Blood-Red** — Striking in color. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Carmine-Rose** — Carmine; yellow blotch on lower lip. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Chamois** — Very handsome new color. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Album** — Very large; white. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Luteum** — Pure yellow. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Rose Dore** — A pretty shade of self salmon-rose. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Fairy Queen** — Rich salmon, white throat. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Queen Victoria** — A very large white. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Scarlet** — Very attractive. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Special Mixture, Named Sorts** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts., oz. \$1.50.

**Collection** — 10 named varieties \$1.00

**Collection** — 5 named varieties 50 cts

### GIANT FLOWERED SEMI- DWARF SNAPDRAGON

Height about 18 inches

**Black Prince** — Dark crimson; foliage dark. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Crimson King** — Bright crimson. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Golden Queen** — Rich yellow. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Pink Empress** — Deep rosy pink. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Queen of the North** — White, excellent bedding variety. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

## ASPARAGUS

- Plumosus nanus**—A graceful potplant for either house or conservatory. Finely cut foliage. Pkt. 25 cts., 100 seeds \$1.00.  
**Sprengeri** — Drooping foliage, adapted for hanging-baskets or cutting. Pkt. 25 cts., oz. 75 cts.

## AQUILEGIA or COLUMBINE

- Hardy Perennial. Fine, free flowering, hardy border plant — one of our most desirable perennials. Seed may be planted in the open ground early in spring and will in some varieties bloom in the same season. Best results, however, are obtained by planting in August for the next season's blooming;  
**NEW: Mrs. Scott Elliott's Strain of Long Spurred Hybrids** — We import specially this fine strain. the colors are wonderful and in size they are immense, the result of many years' close attention by this well known expert. Pkt. 50 cts.  
**Superb Long Spurred Hybrids** — A splendid mixture including the choicest sorts. The flowers are very large and borne on long, wiry stems. Pkt. 25 cts.  
**Rose Queen** — Delicate rose-pink; white center; extremely large blooms, long spurred; a most beautiful sort. Pkt. 15 cts.  
**Californica Hybrida** — Large yellow flowers, dark orange spurs; 3 ft. Pkt. 10 cts.  
**Chrysantha** — Bright yellow; 3 ft. Pkt. 10 cts.  
**Chrysantha fl. pl.** — Double; golden yellow; extra fine. Pkt. 10 cts.  
**Cheysantha grandiflora alba** — Very large; pure white. Pkt. 10 cts.  
**Coerelea** — (Rocky Mountain Blue Columbine). 2 ft. Pkt. 10 cts.  
**Stuarti** — Large, erect, blue flowers, white corolla; stems 2 ft. high; blooms often measure 3 in. across. very hardy. Pkt. 50 cts.  
**Skinneri** — (Mexican Columbine). True scarlet, tipped with green. Pkt. 10 cts.  
**Vulgaris, Single Mixed** — Pkt. 10 cts., oz. 75 cts.  
**Vulgaris, Double Mixed** — Pkt. 10 cts., oz. \$1.00.  
**Collection** — Six long Spurred sorts, 50 cts., postpaid.

## ARCTOTIS GRANDIS

(African Daisy)

A remarkably handsome annual from southwest Africa. It forms much branched bushes 2 to 3 feet high; its flowers are large and showy; being pure white on the upper surface, the reverse of petals pale lilac-blue. There are few annual flowers grown in the garden more valuable for cut-flower work than the Arctotis. It is easily grown from seed, and may be started in hotbed, in the house or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost. It delights in a sunny situation. As a cut-flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**ARISTOLOCHIA Sipho** — (Dutchman's Pipe Vine). A very attractive and highly ornamental climber, with flowers resembling the pitcher plant. Pkt. 10 cts.

**BELLIS perennis** — English Daisy, Snowball and Longfellow 10 ct. Pkt.

**BOLTONIA asteroides** — Hardy Perennial. Showy, native perennials, resembling the hardy Asters; pure white; 6 ft. Pkt. 10 cts.

## BRACHYCOME iberidifolia

(Swan River Daisy)

Brilliant free-flowering annual blooming throughout the Summer, the small flowers resembling those of the Cineraria. 9 in.

Blue — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

Rose — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

## BROWALLIA

Speciosa Major

A beautiful perpetual-flowering variety with bright violet-blue flowers of large size; suitable for Summer bedding. In the greenhouse it is invaluable as a pot plant.  $1\frac{1}{2}$  ft. Pkt. 25 cts., 250 seeds \$2.00.





American Beauty

## ASTER AMERICAN BEAUTY

This grand late Aster is without question a most distinct and valuable variety. The petals are curled and incurved giving the appearance of a cross between Ostrich Plume and the well known late branching Aster, but differs in that all the large blossoms are produced on much longer and heavier stems, which measure over 2 feet in length. The color is a beautiful carmine rose. Pkt. 15 cts.

## NEW ASTER HEART OF FRANCE

The best pure red Aster ever introduced. Heart of France opens red as the purest ruby, deepens with age, and retains its remarkable beauty to the very end. The flowers are large and full, with never a trace of hollow center. The plants are of branching type and very robust habit. They retain their brilliancy and lustre for a longer period than almost any other color. Pkt. 15 cts.

## GIANT ROYAL ASTERS

Wonderfully showy, mid-Summer flowering varieties of healthy vigorous growth and upright, bushy habit, with extremely large and very double ball shaped flowers carried upright on long, stiff stems. The petals are short and

narrow, regularly and tightly placed and of durable and lasting substance. While splendid as cut flowers, we recommend this type especially for bedding, as they bloom very profusely, grow even in height and carry their blooms upright on stiff stems.

**Snow White** — Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Lavender** — Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Purple** — Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.25

**Yellow** — Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Collection** — 1 packet each of the above seven colors. Pkt. 85 cts.

**Shell Pink** — Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.25

**Salmon** — Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Sunset** — Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Finest Mixed** — Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.00.

## QUEEN OF THE MARKET

(Earliest of All)

This is an extra early variety, coming first of all, bursting into bloom two or three weeks before any of the other larger flowered varieties. It is a remarkably firm Aster, is a profuse bloomer, and is very graceful in its growth. The good sized blooms are borne upon long stems, making it particularly suitable for cutting. It is extensively grown for this purpose by florists. The flowers are most effective and most adaptable for the house, filling low bowls and jars with an artistic beauty not even attained by the statelier blooms of the larger kinds. However, each has its place in your garden.

**Crimson** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Light Blue** — Pkts 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Pure White** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Collection** — One pkt. each of above 5 varieties, 40 cts., postpaid.

**Dark Blue** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Rose** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Choice Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

## VARIOUS ASTERS

**Daybreak** — Shell-Pink. Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.00.

**Mikado** — Pkt. 15 cts.,  $\frac{1}{8}$  oz. 75 cts.

**Purity** — Snow-white. Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.00

**Enchantress** — Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.00.

**Rochester** — (Lady in White). Pure white

Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.00.

## GIANT SINGLE ASTERS

A beautiful and much improved type of Single Asters, producing on long stems extra large flowers of Marguerite-like shape, with petals elegantly twisted and entwined. Splendid for cutting.

**Dark Blue** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**White** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Lavender** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Collection**—One pkt. each of above colors, 25 cts.

## FAMOUS KING ASTERS

A beautiful and distinct type of branching Asters, with long stems and flowers of largest size; equal to the grandest Chrysanthemums. The blooms are round and full; the petals, folded lengthwise, almost needle-shaped, give the flower a bold and striking appearance.

**Violet King** — Soft violet-lilac.  
Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.00.

**White King** — Pure white. Pkt.  
10 cts.,  $\frac{1}{8}$  oz. \$1.00.

**Rose King** — Bright rose. Pkt.  
10 cts.,  $\frac{1}{8}$  oz. \$1.00.

**Lavender King** — Deep lavender.  
Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.00.

**The King Collection** — 1 pkt.  
each, 4 varieties, 40 cts.

## ASTERMUM

A new type — as its name indicates — a Chrysanthemum-like Aster, its flower closely representing a Japanese Chrysanthemum. Immense in size, with petals beautifully curled and twisted, long and shaggy — a distinctly unique flower. The snowy white blossoms, the dainty shell-pink and deeper rose, with the pale lavender and deeper violet shades, make a wonderful color combination.

**White** — Pkt. 10 cts.

**Shell Pink** — Pkt. 10 cts.

**Purple** — Pkt. 10 cts.

**Rose** — Pkt. 10 cts.

**Lavender** — Pkt. 10 cts.

**Collection** — One pkt. each of  
above 5 colors, 40 cts.



Asters

## GIANT BRANCHING AMERICAN ASTERS

The latest blooming and tallest of all large flowering Asters. The plants are 3 feet tall, of branching habit, and bear their huge, wellformed, magnificent flowers on extra long, stiff stems — often  $2\frac{1}{2}$  feet long. For cutting they are unexcelled, and are also most effective in beds and borders. Their branching nature so spreads the blossoms that the whole plant is a wonderful mass of bloom.

**Crimson** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Rose** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Light Blue** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Finest Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 65 cts., oz. \$2.00.

**Collection** — One pkt. each of above 6 varieties, 50 cts.

**Flesh Pink** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Dark Blue** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**White** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

## CREGO

A magnificent strain of extra early Asters, with fluffy, graceful flowers, seldom measuring less than 5 inches across, and produced on long stems; valuable for cutting. Height 2 feet.

**White** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.00.

**Rose** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.00.

**Collection** — One pkt. each of above 4 varieties, 30 cts.

**Shell Pink** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.00.

**Lavender** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.00.



## IMPROVED VICTORIA

(For Bedding)

The plants grow evenly, bearing a perfect wealth of bloom, twenty to thirty well developed flowers to a plant, 4 to 5 inches across, on long, stiff stems. A continuous bloomer until checked by the frost. Perhaps the handsomest Asters, taking all in all, for size, color and wonderful profusion of bloom.

**Crimson and White** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. 75 cts.

**Sky-Blue** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. 75 cts.

**Daybreak** — Shell pink, Pkt. 10 cts.

**White** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. 75 cts.

**Miss Roosevelt** — Primrose, passing to flesh

Pkt. 10 cts.

**Collection** — One pkt. each of above 9 varieties, 75 cts.

**Peach Blossom** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. 75 cts.

**Purity** — Snow white, Pkt. 10 cts.

**Dazzling Scarlet** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. 75 cts.

**Pink** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. 75 cts.

**Finest Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.25.

## BALSAM

(Lady Slipper)

Double Camellia-flowered — Half Hardy Annual. An old time favorite, has tall spikes covered with Camellia-like double flowers, borne along stem among the leaves; practically the whole upper part of the plant mass of flower.

**Double Lavender** — Pkt. 10 cts.

**Bright Scarlet** — Pkt. 10 cts.

**Prince Bismarck** — Salmon rose. Pkt. 10 cts.

**Pink** — Pkt. 10 cts.

**White Perfection** — Pkt. 10 cts.

**Camellia-Flowered, Finest Mixed** — Pkt. 5 cts., oz. \$1.00.

**Collection Camellia-Flowered** — Five separate colors, 40 cts.

## BEGONIA SEMPEFLORENS

Fibrous-Rooted

Extensively used for bedding; in constant bloom.

**Semperflorens rosea** — Splendid pink; 10 in. Pkt. 25 cts.

**Semperflorens alba** — Pure white, very fine; 10 in. Pkt. 25 cts.

**Semperflorens Triumph** — Pure white. Pkt. 25 cts.

**Red Erfordii** — Pkt. 50 cts.

**Crimson Bedder** — Crimson-scarlet flowers, bronze foliage; very effective. Pkt. 50 cts.

**Erfordii** — Delicate rosy carmine flowers. Pkt. 50 cts.

**Vernon** — Dark red foliage, carmine flowers. Very popular sort. Pkt. 25 cts.

**Dwarf Vernon** — Admirably adapted for carpet bedding. Pkt. 25 cts.

**Gracilis luminosa** — Flowers fiery dark scarlet; foliage reddish-brown. Undoubtedly the best red semperflorens Begonia. Pkt. 50 cts.

**Gracilis Bonfire** — Metallic brown foliage. Pkt. 25 cts.



Calendula

## CALENDULA

Hardy Annual. One of the best and showiest free flowering hardy annuals. Easy of culture, growing well in any good garden soil. For effective and persistent blooming in beds and borders, the newer varieties have no superior. Bushy plants about 1 foot high. Their bright, sunny flowers in every shade of yellow, from deep orange to pale ivory, being produced from early Spring to late Fall, give a bright bit of color to the Autumn garden beds. Excellent also for pot culture in the house, blooming freely in Winter and early Spring. No garden, either large or small, should be without a few plants of Calendula; they are one of the best sorts for cutting, make a very bright and cheerful addition to a room.

**Meteor** — Large; double, yellow, each petal striped with orange. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

**Prince of Orange** — Similar to Meteor, but darker. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

**Sulphurea fl. pl.** — Large, double flowers of pleasing sulphur-yellow. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

**Pongei fl. pl.** — Large, double, white flowers. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

## CALCEOLARIA

Ornamental greenhouse plants bearing numerous pocket-like, brilliant self-colored and handsomely spotted flowers. The strains listed here are the finest in existence.

**Selected Strain** — Saved only from the finest, compact, largest flowering and most beautifully marked varieties. This strain cannot be surpassed.  $\frac{1}{2}$  pkt. 60 cts., pkt. \$1.00.

**James' Prize** — Saved from Mr. James' celebrated collection. Flowers of large size, varied colors, and most brilliant and beautifully marked, including self-colored, spotted, blotched and laced varieties. Pkt. 75 cts.

## CANDYTUFT

(Iberis)

Hardy Annual and Hardy Perennial. Very pretty, profuse blooming plants, adapted for ribbon borders and flower beds. Grown in pots to form neat and pretty plants for the conservatory during the Winter.

**Dunnett's Crimson** — Very dark. Pkt. 10 cts.

**Empress** — Pure white flowers, large trusses of bloom. Pkt. 10 cts., oz. 60 cts.

**Carnea** — Flesh-colored. Pkt. 10 cts.

**Giant Hyacinth Flowered White** — Large spikes. Pkt. 10 cts., oz. \$1.50.

**Purple** — Very fine. Pkt. 10 cts.

**White Rocket** — White; large trusses. Pkt. 10 cts., oz. 30 cts.

**Lilac Rocket** — A splendid shade; large. Pkt. 10 cts., oz. 30 cts.

**Splendid Mixed** — All colors. Pkt. 10 cts., oz. 30 cts.

### PERENNIAL CANDYTUFT

Profuse white blooming, hardy perennial, coming in flower early in Spring; much used for cemetries, rockeries, etc.; 1 foot.

**Sempervirens** — White flowers. Pkt. 15 cts. **Gibraltarica** — Beautiful, bluish-white. Pkt. 10 cts.

## CANARY-BIRD FLOWER

(Tropaelum)

A rapid-growing, climbing annual producing hundreds of its pretty, fringed, bright yellow flowers, which resemble a canary-bird with expanded wings. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

## CHELONE

(Turtle Head)

**Barbata Coccinea** — Red. Summer. 3 feet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Barbata Torreyi** — Coral-red. Summer. 3 feet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Lyonii** — Deep red. Summer. 2 feet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**CERASTIUM Tomentosum** — (Snow-in-Summer). A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial. Pkt. 15 cts.

## CALLIOPSIS COREOPSIS

Showy and beautiful, free-flowering annuals and perennials, of the easiest cultured, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn.

### ANNUAL VARIETIES

**Golden Wave** — (Drummondii). A very popular sort, with rich golden yellow blooms with a small chestnut-brown center. 12 inches. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 40 cts.

**Tinctoria marmorata** — Very showy variety; bright golden yellow flowers, marbled with wall-flower-red. 12 inches. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 40 cts.

**Coronata** — Rich yellow, slightly spotted with red. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 40 cts.

**Tall, Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts.

**Dwarf, Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts.

### PERENNIAL VARIETIES

Coreopsis

Perennial Calliopsis are usually sown in June and transplanted 18 to 24 inches apart. Give slight winter covering. May be had in flower the first year if sown under glass in January.

**Grandiflora** — Deep golden yellow, cupshaped flowers, on fine stems for cutting. 2 feet. Allsummer. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 40 cts.



## CAMPANULA or BLUEBELLS

Perennial Varieties



These are among our best-known hardy perennials. The tall varieties are fine for cutting, while the dwarf sorts make excellent border plants. All have dainty bellshaped flowers. Some of the varieties offered will flower the first season from seed if sown early.

**Carpatica** — This variety is largely used for edging. Flowers of deep blue, blooming all summer. Height about 6 inches. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Carpatica alba** — The white-flowered form of the above. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Macrantha** — Blue. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Persicifolia grandiflora, Blue** — (Peach Bells). One of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large, blue flowers. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.50.

**Persicifolia grandiflora alba** — The white-flowered form of the above. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.50.

**Persicifolia fl. pl. Moerheimii** — Similar to the varieties above except that the flowers are double; pure white. Pkt. 25 cts., 5 pkts. \$1.00.

**Persicifolia, Fairy Queen** — The finest-colored Bluebell. Rich azure-blue, very large flowers. Pkt. 25 cts., 5 pkts. \$1.00.

**Pyramidalis** — (Chimney Bellflower). Spikes 3 to 4 feet tall; erect, pyramidal flowers, large and of beautiful blue. Splendid for both garden and pot culture. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Pyramidalis, White** — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

## CANTERBURY BELLS

(Campanula Medium)

Hardy Biennial. 3 feet.

Blue — Pkt. 10 cts.

Rose-Pink — Pkt. 10 cts.

Collection — One pkt. each of these 4 colors 30 cts.

Mauve — Pkt. 10 cts.

White — Pkt. 10 cts.

Finest Single, Mixed — Pkt. 10 cts.

Double Canterbury Bells, Finest Mixed — Pkt. 10 cts.

## CUP AND SAUCER CANTERBURY BELLS

(Campanula calycanthemum)

Hardy Biennial. 3 feet.

Blue — Pkt. 10 cts.

Rose — Pkt. 10 cts.

White — Pkt. 10 cts.

Lavender — Pkt. 10 cts.

Finest Mixed — Pkt. 10 cts.

## CARNATION Marguerite

The earliest of all Carnations, blooming in July or August if sown in Spring, and continuing until frost. Being half-hardy perennials, a slight protection of coarse straw or pine boughs will preserve them during Winter and they will flower profusely the next Summer.

Deep Crimson — Pkt. 15 cts.

Fiery Scarlet — Pkt. 15 cts.

Bright Rose — Pkt. 15 cts.

Mixed — All colors. Pkt. 5 cts.  $\frac{1}{4}$  oz. 75 cts.

Sulphur Yellow — Pkt. 15 cts.

Striped — Pkt. 15 cts.

Pure White — Pkt. 15 cts.

Collection — One pkt. each of above 6 colors. 75 cts.

**Giant Marguerite Carnation** — Mixed. An improved strain, producing flowers of immense size, frequently measuring  $2\frac{1}{2}$  to 3 in. across, and borne on long, sturdy stems; good for cutting. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

## HARDY DOUBLE BORDER CARNATION

Early Flowering, Dwarf Vienna, Extra Fine, Mixed — Extremely large, double flowers of brilliant colors; long stemmed; excellent for cutting. Pkt. 15 cts.

Early Flowering, Dwarf Vienna, Double, White — A particularly choice strain, producing flowers almost the equal of the finest hothouse Carnations, on long, stiff stems. Pkt. 15 cts.

## CENTAUREA IMPERIALIS

Hardy Annual. Sweet Sultans are of the easiest culture. They grow strong and bushy, about 3 ft. high. They flower freely from seed sown in the Spring. When large plants are desired, thin to 8 in. apart.

**Cyanus, Blue** — Old-fashioned blue cornflower.

Well-known favorite cut-flower. Pkt. 10 cts.

**Cyanus, Rose** — Pkt. 10 cts.

**Cyanus, White** — Pkt. 10 cts.

**Cyanus, Victoria** — A very dwarf mixture, used for borders or pots; grows 8 inches high. Pkt. 10 cts.

**Cyanus, Mixed Single** — Pkt. 10 cts.

**Cyanus, Double Blue** — A variety largely used by the commercial florist on account of its large size. Much in demand for cutting, taking fewer than the single varieties to make a bunch. Pkt. 15 cts.

**Cyanus, Double Mixed** — Pkt. 10 cts.

### PERENNIAL CENTAUREAS

**Montana Blue** — H. P. Superb; very large flowers; 2 ft. Pkt. 10 cts.

**Montana alba** — H. P. Excellent variety; white; 2 ft. Pkt. 15 cts.

### SILVER-LEAVED CENTAUREAS

Half Hardy Perennials. Used for borders or edging

**Candidissima** — 1 ft. Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.00.

**Gymnocarpa** — (Dusty Miller). Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.



*Centaureis Imperialis.*

### GIANT SWEET SULTANS (*Centaurea imperialis*)

This beautiful class is undoubtedly the finest of all the Sweet Sultans for cutting purposes. Beautiful, deliciously sweetscented flowers are borne on long, strong stems and are particularly striking, lasting several days after cutting. We recommend sowing in succession every two weeks from May until July, thereby giving a continuous bloom from summer to fall.

**Imperialis, White** — Large and exquisitely sweet-scented. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Imperialis, Pink** — Pink, with tinge in center. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Imperialis, Purple** — Brilliant rosy purple. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Imperialis, Lilac** — Beautiful lilac. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Imperialis, Rose** — Brilliant rose. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Imperialis, Mixed** — A select mixture of above colors. Pkt. 15 cts.  $\frac{1}{4}$  oz. 50 cts.

**Collection** — One pkt. each of the 5 colors, 50 cts.

## CINERARIA HYBRIDA GRANDIFLORA

Our strains of these favorite flowers are of acknowledge superiority and distinguished by the splendid range of colors.

**Selected Compact and Semi-Dwarf Prize** — This strain of Cineraria cannot be excelled. The plants are of compact growth, fine, clearly cut, healthy foliage. The flowers are perfect in form, borne in the greatest profusion and embrace in color all the most desirable shades.  $\frac{1}{2}$  pkt. 60 cts. pkt. \$1.00.

**Large Flowered, Finest Mixed** — A famous English strain; semi-dwarf. Pkt. 75 cts.

**Grandiflora stellata** — (Star Cineraria). Delicate star-like blooms, borne in greatest profusion on long stems; excellent for cutting and decorative purposes. Pkt. \$1.00.

**Cactus-Flowered Mixed** — Large flowers with narrow twisted and fluted petals. Very decorative for the greenhouse and conservatory. Pkt. \$1.00.

## CLERODENDRON

**Fallax** — A beautiful pot plant; large spikes of scarlet flowers. Pkt. \$1.00.

## COLEUS

**Larged-Leaved Hybrids** — Very rich and choice strain; large, superbly variegated foliage. Pkt. 25 cts.



## CELOSIA

### *Celosia cristata* (Cockscomb)

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown outdoors in May. If dwarf growth is desired, do not crowd.

**Empress** — Rich crimson. 1 foot. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.00.

**Glasgow Prize** — Dark crimson. 1 foot. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.00.

**Dwarf Mixed** — 1 foot. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

### *Celosia, Plumosa*

**Thompsonii magnifica, Crimson** — Bright crimson. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.00.

**Thompsonii magnifica, Yellow** — Beautiful yellow. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.00

**Thompsonii magnifica, Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Pride of Castle Gould** — Pkt. 25 cts.

## CLARKIA ELEGANS

Hardy Annual. Popular and very showy plant for pot culture and bedding; 2 feet.

**Scarlet Beauty** — Flowers brilliant salmon scarlet, fully double and produced in long sprays. Indispensable for the garden and greenhouse. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Firefly** — Vivid crimson scarlet, exceptionally double. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Chamois Queen** — Delicate pale chamois; very double. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Salmon Queen** — Beautiful salmon-pink; double. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

## CHRYSANTHEMUMS

These improved varieties form bushy, compact, oval plants about 18 inches high, are of easy cultivation, and flower most abundantly during the summer; very showy garden annuals and fine for cutting.

### Single-Flowering Varieties

**Beaconsfield** — White, with pink center. Pkt. 10 cts.

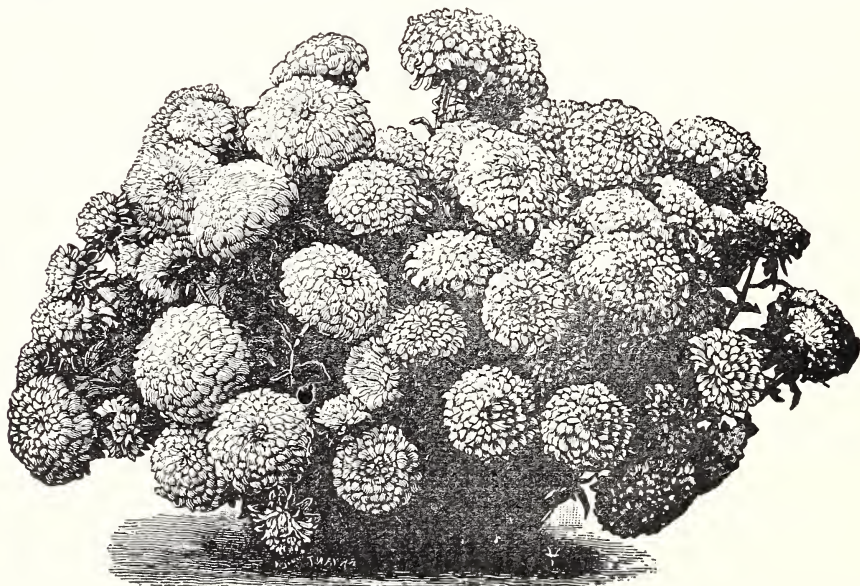
**Chameleon** — Brown, with yellow center. Pkt. 10 cts.

**Evening Star** — Sheeted with large single golden yellow flowers. Pkt. 10 cts.

**Morning Star** — Large, cream-yellow flowers; profuse. Pkt. 10 cts.

**The Sultan** — Deep scarlet. Pkt. 10 cts.

**Mixed Single Annual Varieties** — (*Chrysanthemum tricolor*). Pkt. 10 cts.



Chrysanthemums.

## CHRYSANTHEMUMS (Continued)

### Double-Flowering Varieties

**Golden Queen** — Double golden flowers. Pkt. 10 cts.

**White Pearl** — Double white flowers. Pkt. 10 cts.

**Mixed Double Annual Varieties** — Pkt. 10 cts.

## CLEMATIS

(*Virgin's Bower*). Beautiful ornamental plants, fine for covering trellises or making a screen. Seeds vegetate only after an interval of several months, when they will grow. Hardy perennial.

**Jackmanii Varieties** — Seed saved from best named varieties. Pkt. 10 cts.

**Paniculata** — Small, white. Pkt. 10 cts.

## CLEOME

**Pungens** — (*Giant Spider Flower*.) Singular-looking, rose-colored flowers; the stamens look like spider's legs, and present a very attractive appearance; annual; 3 feet. This plant is now used extensively in many of the public parks, planted among shrubbery, and is very effective. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

**CLIANTHUS Dampieri** — Greenhouse plants, with pea-shaped scarlet flowers. Seed should be soaked in water before sowing. Pkt. 25 cts.

## COSMOS

This is one of the most notable summer and fall flowers, the specialists' skill having added much to its beauty. Many professional gardeners sow their Cosmos late in the spring, as it has been demonstrated, particularly with the Late Mammoth-flowering Tall Cosmos, that early sowing frequently makes enormous, heavy-wooded plants which do not flower any earlier than if sown later.

We recommend the sowing of Cosmos about the first of May, outdoors in rows, covering the seed about  $\frac{1}{4}$ -inch, and when the plants are about 3 inches high, thin out or transplant to not less than 2 feet apart. Any garden soil will grow Cosmos to perfection; frequent cultivation around the base of the plants will greatly benefit them.

**Lady Lenox, Pink** — (*Giant flowered*). Large, shell-pink flowers, 6 to 7 in. in diameter. Pkt. 10 cts., oz. \$1.50.

**Lady Lenox, White** — Giant flowering, pure white. Pkt. 15 cts., oz. \$2.00.

**Mammoth Perfection** —

**Late Pink** — Pkt. 10 cts., oz. 50 cts.

**Crimson** — Pkt. 10 cts., oz. 50 cts.

**Large, Early-Flowering Varieties** — From seed sown in the open ground the beginning of May, plants will flower the middle of July and continue uninterruptedly until frost.

**White** — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Pink** — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Klondike** — Orange-colored; late flowering. Pkt. 10 cts.,

**Hybrida, Fine Mixed** — Late flowering. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 15 cts., oz. 30 cts.

**Pure White** — Pkt. 10 cts., oz. 50 cts.

**Choice Mixed** — Pkt. 10 cts., oz. 50 cts.

**Crimson** — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 40 cts., oz. \$1.50.



Mammoth Cosmos

## COBEA

(*Cup and Saucer Vine*)

A climber of rapid growth, attaining a height of 30 to 50 feet during the season, valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds *edgewise* and merely cover with light soil; to get early results, start the seed indoors in March or April; can also be sown out-of-doors in May.

**Scandens** — Large bell-shaped purple flowers. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

**Scandens alba** — Pure white. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

## COLEUS

**Rainbow Mixture** — Pkt. 25 cts.

## CONVOLVULUS

**Morning-Glory**

These well-known favorites ought to be in every garden. Nothing can be finer for color than a bed of these.

**Dwarf Bedding Varieties** — Mixed. Pkt. 10 cts., oz. 20 cts.

**Tall or Climbing Varieties** — Mixed. Pkt. 10 cts., oz. 20 cts.



## CIGAR PLANT

(Cuphea). With cigar-shaped, scarlet flowers; very useful for bedding; free bloomer. Half-hardy perennial.

**Platycentra** — Scarlet and white. Pkt. 10 cts.

## CYPRESS VINE

(*I pomoea quamoclit*). The most popular of annual climbing plants, with delicate, fern-like foliage.

**Crimson** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

**White** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

**Ivy-leaved Scarlet** — A rapid-growing variety with deeply lobed, ivy-like leaves and small scarlet flowers. Pkt. 10 cts., oz. 75 cts.

**Rose** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

**Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

## DAHLIA

The seed we offer has been saved from a superb collection of the finest-named varieties. Half hardy perennial.

**Giant Peony-flowered, Mixed** — Saved from finest blooms. Pkt. 15 cts.

**Pompon, Mixed** — Saved from Pompons. Pkt. 15 cts.

**Cactus, Mixed** — Saved from a choice collection. Pkt. 15 cts.

**Twentieth Century** — Saved from a choice collection of Single Century Dahlias. Pkt. 15 cts.

**Double-flowering, Mixed** — Saved from fine, double, Show sorts. Pkt. 15 cts.



Delphinium

## DELPHINIUM

(Perennial Larkspur)

A mass of heaven's own blue in your garden bed! Do not miss the beautiful Delphiniums, their tall spikes of bloom rising gracefully above the lower blooming flowers about them, 2 to 5 feet tall. The white sorts are as lovely. They are a strikingly beautiful sight — a glory in your garden. If the seed is sown early, they will flower the first season.

The most desirable way to raise Delphiniums is to sow in the open ground in June or July, for flowering the following season. Delphiniums will also bloom the same year if they are sown early enough, particularly the Blue Butterfly and Azure Fairy; get these in the ground during March in shallow boxes indoors or in a hotbed. When seedlings are  $\frac{1}{2}$  inch high, transplant to flats 3 or 4 inches apart each way. About a week before planting out, remove to the open, protecting them on cold days and nights. Set in the border 9 inches apart. They will bloom in August. By removing the faded flower stalks, they will yield a second set of blooms in the Fall.

**Bella Donna** — A grand border plant of branching habit, producing numerous spikes of large single flowers of a clear turquoise-blue. 4 ft.  $\frac{1}{8}$  oz. \$1.25.

**Gold Medal Hybrids** — This is an extra fine strain. The plants are of strong, vigorous habit, with immense spikes, from 2 to 3 ft. long, of large flowers, mostly in fine shades of light blue. Pkt. 25 cts.

**Formosum coelestinum** — Sky-blue; handsome; 3 ft. Pkt. 15 cts.

**Nudicaule** — Scarlet, dwarf, very fine; 18 in. Pkt. 15 cts.,

**Finest Mixed Chinense** — A splendid, large flowering strain. Pkt. 10 cts.,  $\frac{1}{2}$  oz. \$1.00.

## GIANT-FLOWERING CYCLAMEN

Flowers of extraordinary size and of great substance. The leaves are proportionately large and beautifully marked. These are among the most beautiful winter and spring-flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. Sow seed from August to September and do not permit same to become checked. When grown cool, most satisfactory results are obtained.

**White, Pink Eye** — Very large and fine. Pkt. 50 cts., 100 seeds, \$3.50.

**Lavender** — Dark and light shades, very beautiful. Pkt. 50 cts., 100 seeds, \$3.50.

**Glory of Wandsbek** — Light and dark shades of salmon. Pkt. 50 cts., 100 seeds, \$3.50.

**Brilliant Red** — Very large and fine. Pkt. 50 cts., 100 seeds, \$3.50.

**Fairy Queen** — A very large, magnificent, frilled white, with a crimson eye. Pkt. \$1.00, 100 seeds, \$5.00.

**Magnifica** — Dark rose-pink; very fine. Pkt. 50 cts., 100 seeds, \$3.50.

**Victoria** — White, tipped with pink, fringed edge. Pkt. 50 cts., 100 seeds, \$3.50.

**Daybreak** — Delicate pink; very beautiful. Pkt. 50 cts., 100 seeds, \$3.50.

**Pure White** — Very large. Pkt. 50 cts., 100 seeds, \$3.50.

## DATURA

(Trumpet Flower)

Ornamental annuals of rapid growth, with large trumpet-shaped fragrant flowers. 3 ft. **arborea.** (*Brugmansia*) Pure white fragrant flower frequently 12 in. long. Pkt. 25 cts. **Golden Queen** — Golden-yellow, sweet-scented. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 35 cts. **Cornucopia** (*Horn of Plenty*) Large double white flowers, marbled. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 40 cts.

## DIANTHUS

(China Pinks)

Hardy Annual. This family of pinks is unsurpassed in brilliancy, endless variety of color and rich, spicy fragrance. All the single sorts have large flowers, and their brilliant and varied colors make them very desirable for beds and borders. No garden is complete without their delightful and refreshing spicy odor. They are very strong and sturdy, from the little low Clove-pink to the tall, graceful, Carnation-like blooms so wonderful, not only in beds and borders, but also for cutting for the house.

Sow early and thinly in shallow drills. They will begin to flower in June and bloom continuously till late in the Autumn, when frost nips off the blossoms. Although classed as annuals, they will frequently survive the Winter, if slightly protected.

**Double, Finest Mixed** — Very large flowers. Pkt. 10 cts., oz. 60 cts.

**Single, Finest Mixed** — Brilliant colors. Pkt. 10 cts., oz. 50 cts.

**Heddewigii** — (*Japan Pinks*). Unusually large flowers, measuring 3 to 4 in. across.

**Finest Mixed** — (*Heddewigii hybridus fl. pl.*) Pkt. 10 cts., oz. \$1.75.

**Diadematus fl. pl.** — (*Diadem Pink*). Very unusual, attractive coloring, including pink, rose, crimson and purple grounds and all having a pretty, lace-like edging of white; double Choice Mixed. Pkt. 10 cts., oz. \$2.00.

## HARDY GARDEN PINKS

These form low, bushy, tufted plants, above which are produced on long stems the beautiful fringed and fragrant flowers so valued in "old-fashioned" gardens. For permanent beds and borders these Pinks are unrivaled.

**Plumarius, Double Mixed** — Double fringed, fragrant flowers of white, crimson or purple shades, spotted and variegated. 12 inches high Pkt. 10 cts.

**Plumarius, Single Mixed** — Large, single fragrant flowers of beautiful colors and finely fringed. Pkt. 10 cts.

**Scotch, or Florists' Pinks** — They are excellent perennial garden plants, about 1 foot high when in bloom; they are vigorous, very hardy, and flower profusely during spring and early summer; the flowers are very large, very double, beautifully fringed, and emit a grateful clover-like perfume. Mixed colors. Pkt. 25 cts.

## DIDISCUS coeruleus

(Blue Lace Flower)

An attractive annual blooming from July until frost. The flowers are pale lavender and are invaluable for cutting.  $1\frac{1}{2}$  ft. Pkt. 15 cts.,  $\frac{1}{8}$  oz. 60 cts.

## DIGITALIS or FOXGLOVE

Hardy Perennial. Grandmother's favorites still blooming, but much improved by the florist's care and skill of today. With their long spikes of close-hung bells, white, cream and rose-red, with beautiful markings, they rise in stately, graceful dignity, 4 to 5 feet. They are especially attractive among shrubbery and invaluable for borders; but in any garden spot whatever they are very lovely.

**Purple, White, Rose, Yellow** — Each, pkt. 10 cts., oz. 75 cts.

**Finest Mixed** — Pkt. 5 cts., oz. 60 cts.

**Gloxinioides** — Fine varieties, with spotted Gloxinia-like flowers.

**White** — Pkt. 15 cts., oz. \$1.25.

**Purple** — Pkt. 15 cts., oz. \$1.25.

**Rose** — Pkt. 15 cts., oz. \$1.25.

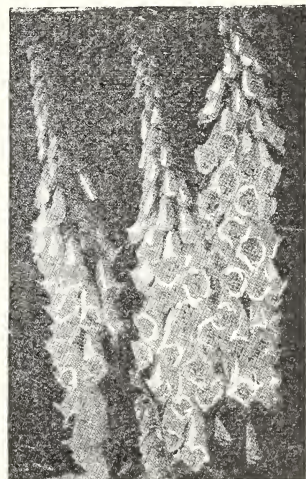
**Finest Mixed** — Pkt. 15 cts., oz. \$1.00.

**Monstrosa, Splendid Mixed** — (*Mammoth Foxglove*). A beautiful class; the tall spikes have a monstrous saucer-shaped terminal flower, very odd and pretty. Pkt. 15 cts.

## DIMORPHOTHECA

**Aurantiaca** — An extremely showy annual from South Africa. The plant is of branching habit, growing about 15 in. high, and exceedingly profuse in flowering. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 60 cts.

**Aurantiaca hybrida** — Color from pure white to bluish white tints; lemon-yellow to reddish-yellow, pale salmon to deep orange-salmon. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 60 cts.





## DOLICHOS

(Hyacinth Bean)

This grand Hyacinth Bean comes from Japan. In our trialgrounds, plants from seed sown late in May had, by the middle of July, attained a height of over 10 feet, and were covered with spikes of snow-white pea-shaped blossoms from then until late fall. The heart-shaped foliage is bright green, and not affected by insect pests.

**Lablab, Mixed** — Pkt. 10 cts., oz. 25 cts.

## DRACAENA

**Australis**—Broad leaves; fine pot plant. Pkt. 25 cts.

**Indivisa** — (Cordylone). Long, slender leaves. Pkt. 10 cts., oz. 50 cts.

**Veitchii** — Variegated leaves; very ornamental. Pkt. 25 cts.

**ERINUS alpinus** — Hardy perennial. Blue flowers, beautiful for baskets and rockwork.  $\frac{1}{4}$  ft. Pkt. 25 cts.

**EUPATORIUM Fraseri** — Hardy Perennial. Pretty white flowers, borne [in clusters; fine for cutting; flowers first year from seed; 1 ft. Pkt. 10 cts.

**EUPHORBIA Heterophylla** — ((Annual Poinsettia). Hardy Annual. (Mexican Fire Plant).

Bushy plants with glossy, green leaves, changing to orange-scarlet in mid-Summer; of a striking appearance; like the Xmas Poinsettia; 3 ft. Pkt. 15 cts.

**Variegata** — (Snow-on-the-Mountain). Glossy green foliage, veined and margined with white; 2 ft. Pkt. 10 cts., oz. \$1.00.



Eschscholtzia.

## ESCHSCHOLTZIA

(California Poppy)

Profuse blooming annuals, for beds, edging or masses. Bloom from early summer until frost. Should be grown in every garden.

**Californica** — Giant yellow. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts.

**Alba** — Creamy white. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts.

**Carminea** — Carmine. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 40 cts.

**Golden West** — Deep yellow. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts.

**Rose Queen** — Deep pink. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts.

**Carmine King** — Beautiful carmine-rose on both sides of petals, making a distinct and novel variety. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

## Echinocystis

**Lobata** — (Wild Cucumber Vine). Pkt. 10 cts.

## FORGET-ME-NOT

(Myosotis)

Few spring flowers are more admired than the lovely Forget-me-not, which is especially effective for mass planting. It is perennial and hardy if given slight protection through the winter. Seed may be sown any time from spring until mid-summer. The Alpestris varieties and Dissitiflora come into bloom in April, with the spring-flowering bulbs, etc. The Palustris sorts do not bloom till May, but continue till fall.

**Alpestris, Royal Blue** — Rich indigo-blue flowers. The finest and most effective dark blue variety; grows about 9 inches high. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Alpestris robusta grandiflora** — A strong, sturdy grower attaining a height of about 10 inches with good heads of clear Forget-me-not-blue flowers. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Alpestris, Victoria** — A favorite variety with fine heads of clear azure-blue flowers; plants bushy and compact. Makes a fine edging for beds. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Alpestris, Mixed** — A select mixture of the above. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Dissitiflora** — Of dwarf, compact habit with sprays of large, exquisite blue flowers, especially adapted for beds of late-flowering tulips, etc. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$2.00.

## FUCHSIA

Choice double and single of this well-known, elegant tender pot-plant Mixed colors. Pkt. 25 cts

## FOUR O'CLOCK

(Marvel of Peru, Mirabilis)

Hardy Annual. So called because it opens its blossoms at that hour in the afternoon. Its flowers have a strange fashion of remaining closed till about four o'clock when they all open together. Within fifteen minutes, the plants are a glowing mass of bloom.

Sow seed thinly in drills where the plants are to bloom, as soon as danger from frosts is past in the Spring — or they may be started in hotbeds or in shallow boxes of soil in a warm, sunny window, to be planted outdoors when the trees are fully out in leaf.

**Finest Mixed** — Pkt. 10 cts., 30 cts. oz.

## GOURDS

A vigorous class of plants, with curiously formed and often strangely colored fruits. The foliage is abundant and often curious.

**Mock Orange** — Pkt. 10 cts.

**Dish-Cloth, or Chinese Luffa** — Pkt. 10 cts.

**Hercules' Club** — Pkt. 10 cts.

**Apple-shaped** — Pkt. 10 cts.

**Dipper** — Pkt. 10 cts.

**Mixed** — All sorts. Pkt. 10 cts.

## GREVILLEA ROBUSTA

(Silk Oak). Very graceful foliage; highly valued as a decorative plant for the table, and when large, for tropical effects. 3 to 5 feet. Pkt. 10 cts.

## GAILLARDIA

(or Blanket Flower)  
Annual Varieties

Very showy and lasting Annuals, useful alike for cutting or as border plants; they flower uninterruptedly from early Summer until frost; the flowers are of large size and afford charming tints in their color schemes; 2 feet.

**Amblyodon** — Rich blood-red. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Grandiflora** — Splendid mixed. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

**Compacta** — Dwarf hybrids. Fine mixed. Pkt. 15 cts., oz. \$1.25.

**Maxima** — Golden yellow; fine. Pkt. 15 cts.,  $\frac{1}{2}$  oz. 75 cts.

**Semi Plena** — Superb semi-double; very large blooming varieties. Mixed. Pkt. 25 cts.



Gaillardia

## GLOBE AMARANTH

(Gomphrena globosa)

Hardy Annual. Popularly known as "Bachelor's Buttons." Extremely pretty, everlasting flowers, resembling clover heads; can be cut and preserved for Winter bouquets; 2 feet.

**Aurea superba** — Golden yellow. Pkt. 10 cts.

**Rosea** — Deep pink. Pkt. 10 cts.

**Rubra** — Purple, especially effective in borders

Pkt. 10 cts., oz. 75 cts.

**Alba** — Pure white. Pkt. 10 cts.

**Rubra** — Deep pink. Pkt. 10 cts.

**Finest Mixed** — Pkt. 10 cts., oz. 65 cts.

## GODETIA

Profuse-blooming annuals of beautiful colors; fine for bedding or pot culture. Hardy annuals. 1 foot.

**Lady Satin Rose** — Brilliant carmine; extra fine. Pkt. 10 cts.

**Duchess of Albany** — Satiny white. Pkt. 10 cts.

**Princess of Wales** — Beautiful pink. Pkt. 10 cts.

**Sunset** — Dwarf; compact; most dazzling rosy crimson. Pkt. 10 cts.

**Double Pink** — Beautiful pot-plant for conservatory decoration. Height 2 ft. Pkt. 15 cts.

**Finest Semi-Dwarf Mixed** — Pkt. 10 cts.

## GYPSOPHILA

(Baby's Breath)

Annuals and early-flowering perennials, bearing graceful panicles of small flowers that are elegant for cutting and for bunching with other flowers.

**Elegans grandiflora alba. HA** — An improved, large-flowered, white form; the famous Covent Garden strain. Pkt. 10 cts., oz. 25 cts.

**Elegans rosea. HA** — Small, rose-pink flowers. Pkt. 10 cts., oz. 25 cts.

**Paniculata. HP** — Flowers the first season. Equally desirable as a border plant for cutting. 3 feet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 20 cts.

**Paniculata fl.-pl. HP** — A goodly portion of the plants will produce exquisite, little, double, white flowers. Pkt. 20 cts.

## GLOXINIA

Splendid pot plants, producing magnificent flowers of richest colors; one of the most popular flowering plants for conservatory or greenhouse.

**Improved Giant Mixed** — A beautiful and greatly perfected strain of truly giant flowering Gloxinias, with blooms measuring 4 to 5 inches in diameter, and including self colors spotted and marked sorts. They bloom readily and are particularly impressive owing to their extremely large flowers and beautiful display of colors. Pkt. 50 cts.

**Erect Flowering** — Extra choice mixed. Finest spotted and self colored varieties saved from a prize collection. Pkt. 25 cts.



## HALIANTHUS

Much-prized annuals and perennials for cutting; the tall sorts are largely used in the perennial border; the dwarf sorts make good edging to the tall.

### SINGLE ANNUAL SUNFLOWERS

The single sorts of Sunflowers are indispensable for cutting. Sown in a sunny location in April or early May they come to bloom early in the summer and flower continuously until cut down by frost.

**Cut-and-Come-Again, Mixed** — A mixture of the tall-growing, large-flowering types for cutting. Pkt. 10 cts., oz. \$1.00.

**Cucumerifolius** — (Miniature Sunflower). Small, single, rich yellow flowers; an abundant bloomer. 4 feet. Pkt. 10 cts., oz. 75 cts.

**Cucumerifolius, Stella** — Different from the above by its larger and better-formed flowers of purest golden yellow with black center. Pkt. 10 cts., oz. 75 cts.

**Cucumerifolius, Orion** — A new variety of the Stella. The petals are twisted like a cactus dahlia. Pkt. 10 cts., oz. 75 cts.

## HELICHRYSUM

(Everlasting, or Straw Flower)

Hardy Annual. Exceedingly pretty and effective border plants; flowers are highly prized for winter bouquets.

**Monstrosum fl. pl.** — Separate colors; very showy and rich colors. Pkt. 10 cts., ½ oz. 75 cts.

## HELIOTROPE

Half Hardy Perennial. Deliciously fragrant flowers, equally prized in the conservatory and flower garden. Plants raised from seed bloom the first season.

**Queen Marguerite** — Dwarf, dark blue, immense flower heads; superb. Pkt. 25 cts.

**Giant Flowering** — (Lemoine's). Finest mixed. Pkt. 20 cts.

**Finest Mixed** — All colors, an excellent strain. Pkt. 15 cts.

## HOLLYHOCK

Hardy Perennial. These old-time favorites never lose their place in our hearts. No old-fashioned garden could be planned without them, and every new-fashioned garden needs them. For distant effect in large groups, they are matchless. They form a showy and effective outline in garden beds and borders. When planted in borders, however, they must have sufficient room to develop their profuse and heavy foliage without overshadowing the humbler plants around them.

Hollyhocks are a constant delight and surprise in their diversity of form and color. The tall, stately spikes of bloom, 4 to 8 feet, rise from a wonderfully luxuriant growth of silvery green foliage, a fit setting for the crimson, cream, rose-pink and yellow of the blossoms. The blossoms, themselves, vary in fascinating fashion — single, double, crinkled, plain, flounced and fringed varieties, till you wonder which is the most beautiful.

We wish to call attention to our Annual Ever Blooming Hollyhocks, which bloom the first year from seed and are just as hardy as the perennial varieties. The seed offered has been saved from exhibition flowers and cannot fail to produce superb blooms. When sown early and set out in May, these Annuals begin to bloom in July, continuing until frost. Those sown in May bloom in August.

The ordinary or perennial Hollyhocks should be sown in June or July for flowering the following season.

**Everblooming Annual Hybrids** — A splendid mixture of double, semi-double and single varieties. Pkt. 10 cts., ½ oz. \$1.50.

**Chater's Double Canary-Yellow** — Pkt. 10 cts., ¼ oz. \$1.25.

**Double Crimson** — Pkt. 10 cts., ¼ oz. \$1.25.

**Salmon Rose** — Pkt. 10 cts., ¼ oz. \$1.25.

**White** — Pkt. 10 cts., ¼ oz. \$1.25.

**Double** — Fine mixed. Pkt. 10 cts., ½ oz. \$1.50.

**Fringed** — Splendid double and semi-double hybrids, elegantly fringed petals. Pkt. 10 cts. ½ oz. \$2.00



Heliotrope Giant

**Pink** — Pkt. 10 cts., ¼ oz. \$1.25.

**Maroon** — Pkt. 10 cts., ¼ oz. \$1.25.

**Extra Choice Mixed** — Pkt. 10 cts., ¼ oz. \$1.00

## HELENIUM

(Sneezewort)

Hardy perennial; blooms in late summer; useful in the hardy border; very free-blooming.

**Autumnale** — 6 feet. Yellow. Pkt. 10 cts.

**Bigelowii** — 5 feet. Golden yellow, black center. Pkt. 25 cts.

**Hoopesii** — 2½ feet. Dark yellow. Pkt. 15 cts.

## HELIOPSIS

**Pitcheriana** — (Orange Sunflower). Hardy perennial. A valuable plant for the border, thriving in any good soil. Flowers cup-shaped, deep yellow; on long, stiff stems for cutting. 3 to 4 feet. June to October. Pkt. 10 cts., oz. 75 cts.

**Heuchera sanguinea hybrida** — (Alum Root). Hardy Perennial. Excellent for the hardy border and pot culture, graceful spikes of bloom; fine for cutting. Choice mixed. Pkt. 20 cts.

**Hibiscus** — (Mallow). The finest giant flowered varieties in colors from white to crimson. Showy plants of vigorous growth, producing large, handsome. cup-shaped flowers. Height, 4-6 ft. Pkt. 10 cts.

## HUMULUS

(Japan Hop)

Rapid summer climber, in three or four weeks' time attaining a height of 20 to 30 feet, resembling the common Hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellies, etc., producing grateful shade and being very ornamental. Heat, drought and insects do not trouble it.

**Japonicus** — Pkt. 10 cts., ¼ oz. 30 cts., ½ oz. 50 cts., oz. 75 cts.

**Variegatus** — Variegated variety. Pkt. 10 cts., ¼ oz. 50 cts., ½ oz. 75 cts., oz. \$1.25

## HUNNEMANNIA

(Giant Yellow Tulip Poppy, or Bush Eschscholtzia)

**Fumariaefolia** — This is by far the best of the Poppy family for cutting remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large, buttercup-yellow, Poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful, feathery, glaucous foliage. Pkt. 10 cts., ½ oz. 60 cts., oz. \$1.00.

**Ice Plant** — (Mesembryanthemum). Very singular, dwarf, trailing plants, much used for garnish ing; beautiful and curious. Tender annual. 1 foot.

**Crystallinum** — White. Pkt. 10 cts.

## IMPATIENS

**Sultani** — One of the most beautiful of decorative plants. It thrives in stove heat, greenhouse and in open border during the summer. The flowers are of a brilliant rosy scarlet, 1½ inches in diameter. Mixed. Pkt. 10 cts.

**Impatiens Holstii** — A very handsome plant from East Africa, forming bushes 1½ inches to 2 feet in height with brilliant scarlet flowers, which measure from 1¼ to 1½ inches across. It is an elegant pot-plant, also valuable for bedding out in partial shade. Pkt. 25 cts.

## IPOMOEA

Climbers of rapid growth, with beautiful and varied flowers. For covering walls, trellises, arbors or stumps of trees they are invaluable. It is well to soak the seed in warm water over night to assist in germination. Pkt. 10 cts., oz. 25 cts.

**Grandiflora mexicana alba** — (Moonflower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. 5 to 6 inches in diameter. It grows rapidly and will cover a large surface. Pkt. 10 cts., oz. 75 cts.

**Hederacea grandiflora superba** — Sky-blue, margined white. Pkt. 10 cts., oz. 75 cts.

**Hederacea grandiflora superba alba** — White. Pkt. 10 cts., oz. 75 cts.

**Japanese Morning Glory** — Fringed Mixed. Pkt. 10 cts., oz. 50 cts.



Hunnemannia



## KOCHIA

(Summer Cypress, or Mexican Firebush)

**Trichophyllia** — A pretty half-hardy annual, 2 to 3 feet in height, which grows into a perfect pyramidal-shaped cypress bush, with small feathery light green foliage, deepening as the season advances until it becomes a lovely crimson hue about Sept. Excellent for edging or hedging. Pkt. 10 cts., ¼ oz. 25 cts.

**LANTANA** — Rapid-growing, forming small bushy shrubs; exceedingly free in bloom. Mixed. Pkt. 10 cts.

**LAVATERA** — (Pink Mallow). A very pretty hardy annual of exceptional value. Plants are well formed and grow about 3 feet high; the flowers being large and exceptionally valuable for cutting, as they last quite long. Do well also in large beds or borders and are extremely showy. Pkt. 10 cts., oz. 50 cts.

**Arborea variegata** — Leaves mottled with yellow; very decorative. Pkt. 10 cts., oz. 25 cts.

**LEPTOSYNE Stillmania** — Hardy Annual. A beautiful bright yellow Marguerite, long stems and very free flowering, a great favorite for forcing in greenhouses. Flowers six week after sowing. Excellent for cutting. Pkt. 20 cts.

**Maritima** — Deep golden yellow, flowers somewhat larger than the above, highly recommended for greenhouse or outside work. Pkt. 25 cts.

**LINARIA Cymbalaria** — (Kenilworth Ivy, or Mother of Thousands). Hardy Perennial. Violet flowers, trailing, for baskets, pots and rockwork. Pkt. 10 cts., ¼ oz. 60 cts.

**LINUM Grandiflorum Rubrum** — Hardy annual; very large-flowered. Pkt. 10 cts., oz. 75 cts.

**Perenne** — (Perennial Flax). Blue. August-flowering. Pkt. 10 cts., oz. 75 cts.

**Luteum** — Bright yellow. Pkt. 10 cts., oz. 75 cts.

**LATHYRUS LATIFOLIUS** — (Hardy Everlasting Pea). Hardy climbers, growing 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid cut-flower.

**White, Red, Delicata** — Rosy flesh-color, Mixed Colors — Each Pkt. 10 cts.

## ANNUAL LARKSPURS

These are among the best-known garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubbery border. They stand well when cut, and a base of one or mixed colors is indeed charming.

### Double-Stock Flowered

This is the finest variety of this very popular annual, with beautiful double flowers. Height 2½ to 3 feet.

**Snowstorm** — Pure white. **King of the Blues** — Dark blue

**Stella** — Sky-blue. **Violet Queen** — Violet.

**Loveliness** — Shell-pink. **Lilac Perfection** — Lilac.

**Attraction** — Bright rose. **Tricolor** — Variegated.

Pkt. 10 cts., ½ oz. 35 cts., oz. 60 cts.

**Collection** — One pkt. each of 8 varieties. 50 cts.

**Defiance** — A decided improvement over the Newport Scarlet. This Larkspur is of the same habit as our Double Stock-flowered; the plants, however, are a trifle taller in growth. Pkt. 25 cts., oz. \$1.50.

**Tall Stock-flowered, Mixed** — A select mixture of our famous Stock-flowered strain. Pkt. 10 cts., oz. 50 cts.

**Dwarf Stock-flowered, Mixed** — Finest double flowers. Mixed. 1½ to 2 feet. Pkt. 10 cts., oz. 50 cts.

## LYCHNIS

**Haageana** — Fiery scarlet. Pkt. 10 cts., oz. 75 cts.

**Sieboldii** — White. Pkt. 10 cts., oz. 50 cts.

**Viscaria rosea** — Pkt. 10 cts., oz. 50 cts.

**Viscaria splendens** — Pkt. 10 cts., oz. 50 cts.



LARKSPUR—Double Stock Flowered

## LOBELIA

The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. *Cardinalis* is one of the finest native hardy perennials.

**Crystal Palace Compacta** — Rich deep blue; dark foliage; the finest dark blue for bedding. Pkt. 10 cts.,  $\frac{1}{8}$  oz. 50 cts.

**Blue Emperor** — A very compact variety; sky blue flowers. Pkt. 10 cts.

**White Gem** — Forms a perfect ball of snow-white flowers. Pkt. 10 cts.

**Gracilis** — Light blue; light green foliage; trailing. Pkt. 10 cts.

**Speciosa** — Ultramarine-blue; dark leaved; trailing. Pkt. 10 cts.

**Tenuior** — Of upright habit; about 15 inches high, with very large flowers of rich cobalt blue with white eye. Pkt. 15 cts.

**Mixed Compacta Varieties** — All colors. Pkt. 10 cts.,  $\frac{1}{8}$  oz. 40 cts.

**Cardinalis** — (*Cardinal Flower*). A native variety; with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet. Pkt. 15 cts.

## LUPINUS

Hardy Annuals and Perennials. Among the best and most admired of tall border plants. They should have a place in every garden, being as easy to cultivate as the Larkspur and the Sunflower. They grow to a height of from 3 to 4 feet with a quantity of graceful foliage and beautiful long racemes of pea-like flowers in a great variety of colors. Scarlet, yellow, rose, blue and white. The leaves are gracefully seven-fingered and very beautiful. They are wonderfully effective in your shrubbery border. Both annual and perennial varieties may be sown in the open in May. When the plants grow, they should be thinned out, leaving 12 inches between them.

### Annual Varieties

**Hartwegii, White** — Pure white. Pkt. 10 cts., oz. 50 cts.

**Hartwegii, Blue** — Rich blue. Pkt. 10 cts., oz. 50 cts.

**Hartwegii, Sky Blue** — Very delicate. Pkt. 10 cts., oz. 50 cts.

**Hartwegii, Rose** — Pkt. 10 cts., oz. 50 cts.

**Scarlet Beauty** — The finest of all Lupins; extra long spikes of brilliant scarlet flowers slightly shaded with white. Pkt. 15 cts., oz. 75 cts.

**Annual Sorts Mixed** — Pkt. 10 cts., oz. 25 cts.

### Perennial Varieties

**Polyphyllus roseus** — Spikes of large rose flowers; 3 ft. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Moerheimi** — New. Flowers rose and white. Pkt. 20 cts.



Marigold.

## MATRICARIA

(Feverfew)

**Capensis fl. pl.** — Hardy Annual. Double white flowers borne in great profusion all Summer; 18 in. Pkt. 10 cts.

**Golden Ball** — A beautiful annual, forming compact, bushy plants, covered with intensely double golden yellow flowers, resembling those of the Pompon Chrysanthemum. A capital plant for bedding. Pkt. 20 cts.

### Meconopsis Integrifolia

Hardy Perennial. The new hardy yellow Poppy from Thibet; soft primrose-yellow flowers are as large as Peonies. Pkt. 50 cts.

## MIMULUS

Half Hardy Perennial. Showy, profuse flowering plants; fine for greenhouse or moist, shady situations, blooming the first year from seed if sown early; grows 1 foot high.

**Tigrinus** — (*Monkey Flower*). Fine mixed Spotted varieties. Pkt. 10 cts.

**Moschatus** — (*Musk plant*). Fine for hanging baskets, etc.; small yellow flowers; fragrant foliage. Pkt. 10 cts.



## MARIGOLD

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large, yellow or orange-colored flowers, and are well adapted for large beds or mixed borders, the latter are dwarfsy in growth, with beautifully striped flowers, and better suited for bedding purposes and for pot culture; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts in combination with a few blue larkspurs or cornflowers is very striking.

### TALL AFRICAN MARIGOLD

Few plants have to their credit the mass of glorious color such as is furnished by Marigolds and Zinnias in the garden. Their season of bloom during the summer until fall strongly suggests their use. Seed of this type should be sown outdoors in May and transplanted, leaving at least 18 inches each way between the plants, as they are robust growers and can attain their maximum development only if given plenty of growing room.

**Giant Show Lemon** — This highly meritorious strain of the African Marigold is grown specially for us by a specialist in Europe who selects only the finest blooms and plants of unusually good constitution for seeding purposes. Height 2½ feet. Pkt. 25 cts., 5 pkts. \$1.00.

**Giant Show Orange** — The darker form of the preceding variety. Height 2½ ft. Pkt. 25 cts., 5 pkts. \$1.00.

**Double Mixed** — Pkt. 10 cts., ½ oz. 50 cts.

**Orange-Yellow** — Pkt. 10 cts., ½ oz. 50 cts.

### DWARF FRENCH MARIGOLDS

These differ from the Tall African, having small, flat flowers of a somewhat velvety sheen, and grow to a height of 12 to 15 inches.

**Legion of Honor** — Dwarf, compact, with dark green, fern-like leaves and bright golden, star-like flowers distributed over the surface; the center of each petal is marked broadly with velvety crimson-brown. Pkt. 10 cts., ¼ oz. 60 cts.

**Little Brownie** — Charming, forming compact little bushes only 5 to 6 inches high. It is remarkable for blossoming extremely early and in prodigious abundance, commencing in June. The flowers are vividly colored golden yellow, marked with a large spot of velvety crimson.

**MALVA Alcea** — (Hollyhock Mallow). Pink. Pkt. 10 cts., oz. \$1.00.

**Moschata** — Pkt. 10 cts., oz. \$1.00.

**Moschata flore-albo** — Pkt. 10 cts., oz. \$1.00.

**MOTHIOLA bicornis** — (Eveningscented Stock). This old-fashioned annual has no beauty to recommend it, the flowers being a dull purplish lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening. 1 ft. Pkt. 10 cts., ¼ oz. 25 cts.

## NICOTIANA

**Affinis** — An annual with sweet-scented, pure white, star-shaped flowers, 3 inches across, blooming continually. 2 to 3 feet high. Pkt. 10 cts., ¼ oz. 25 cts.

**Giant Red-flowered** — Magnificent annual of tropical effect, large, luxuriant leaves and immense clusters of rich crimson flowers. 5 feet. Pkt. 10 cts.

**Sanderæ Hybrids** — A splendid new type in a great variety of colors. Pkt. 10 cts., ¼ oz. 50 cts.

### NEMOPHILA

Splendid annuals for garden decoration; bright-colored flowers, in shades of blue, white and violet. 1 foot.

**Finest Mixed** — Pkt. 10 cts.

## MIGNONETTE (Reseda)

Well-known, sweet-scented little plants, everywhere at home, either in the greenhouse, garden or sitting-room. Hardy annual.

**Cook's Triumph** — This Mignonette is one of the choicest varieties for winter forcing. In type similar to Allen's Defiance, except that spikes are more compact and the individual florets are much larger in size. Seed of this grand variety is grown in our greenhouses, and is saved from the best spikes. Pkt. 50 cts.

**Allen's Defiance** — This gorgeous Mignonette has qualities heretofore unknown in large-flowering varieties, being deliciously fragrant. When grown under favorable conditions and with proper care, its spikes will be from 12 to 15 inches long. The individual florets are of remarkable size and stand out boldly, forming a graceful as well as compact spike. Its remarkable strength is accompanied by extraordinary keeping qualities; the spikes have been kept in a vase three weeks after cutting, retaining their grace and fragrance until every bud opened. Pkt. 10 cts., ¼ oz. 50 cts.

**Improved Large-flowering** — Pkt. 10 cts., ¼ oz. 25 cts.

**Golden Queen** — Yellow-tinted flowers. Pkt. 10 cts., ¼ oz. 25 cts.

**Miles' Spiral** — Very fine. Pkt. 10 cts., ¼ oz. 25 cts.

**Machet** — A dwarf French variety, with broad spikes of very fragrant red flowers; one of the best varieties for either garden or pot culture. Pkt. 10 cts., ¼ oz. 50 cts.

**Machet, Ruby** — A fine new Machet Mignonette, with coppery scarlet flowers. Pkt. 10 cts., ¼ oz. 50 cts.

**Odorata maxima, Goliath** — Bears very large flowers, the center spikes being often 8 inches long. The plant grows in candelabra form and produces fiery red flowers on firm, upright stalks. Pkt. 10 cts., ¼ oz. 50 cts.

# NASTURTIUMS

(Tropaeolum)

Half Hardy Annuals. No garden is complete without its masses of Nasturtiums, and no flower gives more for the little care required. They prefer a poor soil to a rich one — all they ask is that it be well drained and in the sunshine. Within a few weeks after the seed is sown, they begin their blooming, and all the Summer long, and until hard frost comes, they repay you for your care by a gorgeous profusion of blossom.

Such colors — reds, scarlets, deep velvety crimsons, ashes of roses, straw color, pale lemon yellow and the vivid orange — they run riot in a wonderful splendor. You never come to them in vain. Though you seem to have picked them all, lo, there are more waiting you every time.

The foliage is wonderfully varied too. Their possibilities are without number. For walls, fences, rockeries, porches, hanging baskets, window boxes, beds and borders, they are unsurpassed. The dwarf varieties are especially good for borders.

The leaves may be used as a salad, their piquant flavor being most appetizing, and garnished with the blossoms themselves. Nasturtium salad is a dish fit for a king. The seeds, if gathered in a green state, furnish an excellent substitute for capers.

Sow the seed 4 inches apart in drills 1 inch deep early in Spring, when the trees begin to leaf. Firm the soil well after the seeds are planted to insure proper germination. If they are planted in rich soil, the plants will run to leaf so quickly that the blossoms will not have sufficient chance to develop properly.

**Giant Flowering Dwarf, Mixed** — Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Giant Flowering Tall, or Climbing, Mixed** — Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00



Giant Flowering Nasturtiums

## TALL, OR CLIMBING NASTURTIUMS

Form runners from 3 to 4 feet long, which can be trained up or allowed to run along the ground; excellent for window boxes. They are natural ramblers and are most suitable for covering stumps, trellises, rocks and low fences.

**Chameleon** — Various colors on one plant. Pkt. 10 cts., oz. 25 cts.

**Dark Crimson** — Pkt. 10 cts., oz. 25 cts.

**Golden-Leave Scarlet** — Pkt. 10 cts., oz. 25 cts.

**Heinemanni** — Chocolate. Pkt. 10 c., oz. 25 c.

**Orange** — Pkt. 10 cts., oz. 25 cts.

**Edward Otto** — Brownish lilac Pkt. 10 c. oz. 25 c.

**Hemisphaericum** — Orange. Pkt. 10 cts. oz. 25c

**King Theodore** — Black. Pkt. 10 c., oz. 25 c.

**Pearl** — Whitish. Pkt. 10 cts., oz. 25 cts.

## TOM THUMB, OR DWARF NASTURTIUMS

Grow from 10 to 12 inches high; they are very effective in beds and borders; along walks and around shrubbery.

**Aurora** — Primrose, veined carmine pink. Pkt. 10 cts., oz. 25 cts.

**Beauty** — Yellow, with scarlet veinings. Pkt. 10 cts., oz. 25 cts.

**Bronze** — Bronzy orange. Pkt. 10 cts., oz. 25 cts.

**Chameleon** — Various colors on one plant. Pkt. 10 cts., oz. 25 cts.

**Cloth of Gold** — Scarlet, yellow foliage. Pkt. 10 cts., oz. 25 cts.

**Crystal Palace Gem** — Sulphur, maroon blotches. Pkt. 10 cts., oz. 25 cts.

**Empress of India** — Fiery crimson, dark foliage. Pkt. 10 cts., oz. 25 cts.

**Golden King** — Rich golden yellow. Pkt. 10 cts., oz. 25 cts.

**King of Tom Thumbs** — Dark scarlet. Pkt. 10 cts., oz. 25 cts.

**King Theodore** — Crimson maroon. Pkt. 10 cts., oz. 25 cts.



## NIGELLA

- Damascena, Double Mixed** — (Love-in-a-Mist). Pretty garden annuals with feathery green foliage in which large, double, charming blue or white flowers are set. 1 to 2 feet high. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts.
- Miss Jekyll** — A lovely variety with cornflower-blue blossoms; splendid for cutting. Hardy annual, growing about 2 feet high. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.
- OENOTHERA Fraseri** — (Evening Primrose). Hardy perennial border plants of value. Beautiful yellow flowers. July to October.  $1\frac{1}{2}$  feet. Pkt. 25 cts.,  $\frac{1}{4}$  oz., \$1.50.
- Lamarckiana** — Hardy perennial. Enormous yellow flowers. July to October. 3 feet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts.
- OXALIS** — Pretty, little, half-trailing annuals, for hanging-baskets, vases, rockwork, and edgings, flowering in profusion. 6 to 9 inches.
- Floribunda alba** — Fine for edgings. Pkt. 15 cts.
- Floribunda rosea** — Fine for edgings. Pkt. 15 cts.
- Fine Mixed** — Pkt. 10 cts.

## TUFTED PANSIES

(Viola Cornuta)

These are midway between the Violet and Pansy; they are more hardy than the latter and with slight protection during the Winter can be kept in a permanent place for years. The flowers are not large, but very numerous and embrace all the most beautiful colors.

**White Perfection** — Pure white. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.75.

**Admiration** — Dark blue. Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.50.

**Blue Perfection** — Light blue. Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.50.

**Gold Cup** — Pure yellow. Pkt. 25 cts.,  $\frac{1}{8}$  oz. \$1.25

**Rosea** — Pink. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.75.

**Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.00.

## GIANT PANSIES

Half Hardy Biennial. Pansies do best in a light, rich soil and a partially shady, cool and moist situation. Under such ideal conditions they will produce the very largest and most perfect flowers; but they will give good returns if planted in almost any soil. In full exposure to the sun it is well to mulch the beds and water freely. Plants may be kept in bloom all Summer by removing the faded flowers every few days, to prevent seeding. For early Spring bedding seed may be started in July to September, and plants kept in coldframes over Winter; or they can be set out in beds in the Fall and wintered nicely by giving a protection of leaves or salt hay. Spring sowings should be made early so as to get the plants well established before the hot weather. Our strains are carefully selected and unexcelled.

**Bridesmaid** — Rosy white, beautifully blotched. Pkt. 25 cts.,  $\frac{1}{4}$  oz. \$2.00.

**Emperor** — Cornflower blue. Pkt. 20 cts.,  $\frac{1}{4}$  oz. \$2.00.

**Golden Queen** — Pure yellow. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.50.

**Lord Beaconfield** — Purple violet, shading to lavender and white. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.50.

**Prince Henry** — Light brown, black eye. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.50.

**Snowflake** — Pure white. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.50.

**Trimardeau, or Giant** — Very showy class of vigorous and compact growth and flowers of an enormous size. Finest mixed. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.25, oz. \$4.00.



**Parisian Giants** — Of very large size, containing a great many very fancy colors and color combinations. Choice mixed. Pkt. 20 cts.,  $\frac{1}{2}$  oz. 75 cts.

**Butterfly Mammoth** — Extra large flowers, mixed colors, beautiful varieties. Pkt. 15 cts.,  $\frac{1}{2}$  oz. \$1.00

**Madame Perret** — A splendid giant-flowered strain, comprising all shades of red, from light rose to dark purple, some of them finely striped. Pkt. 25 cts.

## HILTONIA STRAIN PANSIES

(In five separate colors)

The finest of all Pansies — These grand Pansies have petals wavy or curled, giving the flowers a double or globular appearance. The flowers are large and round. Every petal has a dark blotch and there is usually a light edge or border. Highly fashionable everywhere. Pkt. 25 cts.

## PENTSTEMON

Hardy Perennial. Beautiful, free blooming perennials, from 2 to 3 feet in height.

**Barbatus Torreyii** — Spikes of brilliant coral-red; very effective; 3 to 4 ft. Pkt. 10 cts.

**Digitalis** — (Foxglove Pentstemon). Spikes of white flowers with purple throats Pkt 10 cts.

**Gloxinioides, "Sensation"** — A most remarkable strain with long spikes of Gloxinia-like flowers, beautifully marked and in a great variety of colors Pkt. 25 cts

**Hartwegii albus** — Pure white flowers, 1 to 1½ in. across. Pkt 25 cts.

**Large-Flowering, Finest Mixed** — A much improved strain; flowers nearly 2 in. across, with a wonderful range of color. Pkt. 15 cts.,

## PETUNIA

Hardy Annual. For outdoor and house decoration, no flower is more widely used than the Petunia. It comes into blossom very early and continues in perfect sheets of bloom all Summer until killed by the frost. Its beautiful masses of pink, purplish rose and white, are very showy, and most effective wherever used. A Petunia bed with its waving mass of dainty pink trumpet-like blossoms ruffling gayly in the wind is a feast for the eyes. The blooms, though delicately fashioned, are so sturdy and so durable that they are most satisfactory for every purpose imaginable. For beds and borders, they are very showy; for rockeries, they lend themselves wonderfully and are most artistic. The large flowering sort make splendid pot plants for greenhouse and conservatory.

### SINGLE LARGE-FLOWERED

The seed has been saved from pot-grown plants and will produce the largest, deep-throated flowers, measuring 4 to 5 inches across.

**Giants of California** — A superb strain of the very largest flowering, beautifully fringed, ruffled and plain-edged varieties in splendid mixture. Pkt. 25 cts.

**Ruffled Giants** — Enormous flowers, beautifully ruffled, fluted and fringed. Pkt. 25 cts.

**Snowstorm** — Pure white; fringed. Pkt. 25 cts.

**Crimson Giant** — Deep crimson; fringed. Pkt. 50 cts.

**Brilliant Rose** — Fringed, extra-large flowers. Pkt. 25 cts.

**Superbissima** — Great flowers of various colors, with very large, deep and richly tigered throats, Pkt. 50 cts.

**Double Fringed** — An unequalled strain, immense, double and beautifully fringed flowers with great diversity of charming colors. Pkt. 75 cts.

### BEDDING VARIETIES

**Rosy Morn** — Single, soft carmine-pink, profuse bloomer. Pkt. 15 cts., ¼ oz. \$1.00.

**Snowball** — Single, pure white, compact. Pkt. 10 cts., ¼ oz. 75 cts.

**Striped and Blotched** — Single; one of the best for massing in beds, yielding a profusion of beautifully striped and mottled flowers. Pkt. 10 cts., ¼ oz. 50 cts.

**Howard's Star** — Crimson-maroon, with a clearly defined five-pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine. Pkt. 15 cts.

**Fine Single, Mixed** — A splendid strain of small flowering sorts in great variety of colors. Pkt. 5 cts, oz. \$1.00.

## PHLOX DRUMMONDII

(Hardy Annual)

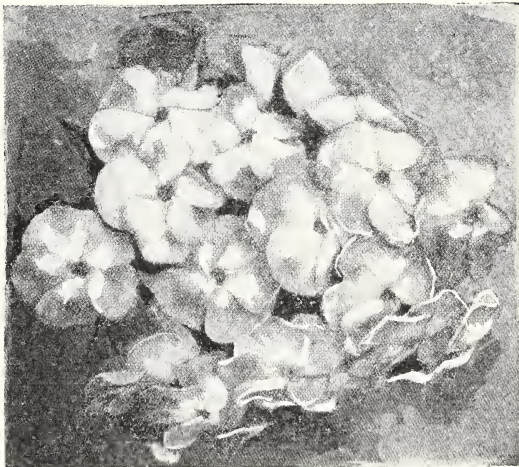
The *Phlox Drummondii* is one of our best annuals, flowering freely all the summer. For richness of color they cannot be surpassed. They are invaluable for beds and ribbon-gardening, therefore no garden should be without them. They should be sown outdoors in May, in a situation well open to the sun, and they will flower and be a mass of color in July and continue until late autumn. Seeds may be sown in a hotbed in March and flowers be had in June.

### Large-Flowering Tall Varieties

This is the finest type, having the largest heads of bloom as well as the largest individual flowers; of strong, sturdy growth, attaining a height of about 15 inches.

**Brilliant** — Finest crimson. Pkt. 10 cts., ¼ oz. 75 cts.

**Carmine** — Carmine with white eye. Pkt. 10 cts., ¼ oz. 75 cts.



Hardy Phlox



## PHLOX DRUMMONDII (Continued)

Chamois-Rose — Shell-pink. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.00.  
 Isabelliana — Tea-rose-yellow. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.00.  
 Kemesina — Scarlet-striped. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.  
 Leopoldii — Rose with white eye. Pkt. 15 cts.,  $\frac{1}{4}$  oz. \$1.00.  
 Purple — Deep purple. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.  
 Purple King — Purple, white eye. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.  
 Rosea — Enchantress-pink. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.  
 Scarlet — Rich scarlet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.  
 Splendens — Deep crimson, white eye. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.  
 White — Pure white. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.  
 Finest Tall Mixed — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.  
 Imported Collection — One pkt. each of 6 varieties. 50 cts. One pkt. each of 12 varieties, \$1.00.

## LARGE FLOWERING DWARF VARIETIES

This type resemble the tall sorts offered in size of blooms but the plants are dwarfer in habit.

Chamois-Rose — Shell-pink Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.25.  
 Defiance — Brilliant crimson. Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.25.  
 Fireball — Scarlet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.25.  
 Purple — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.25.  
 Snowball — Pure white. Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.25.  
 Surprise — Vermillion, white center. Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.25.  
 Finest Dwarf Mixed — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.00.  
 Collection — One pkt. each of 6 varieties, 50 cts.

## HARDY PHLOX

Magnificent, hardy flowering plants, growing into strong bushes from 2 to 3 feet high, bearing immense heads of large, waxy flowers of lovely shades of color.

Large-flowering Hybrids, Tall Mixed — Pkt. 10  
 Large-flowering Hybrids, Dwarf Mixed — Pkt. 10 cts.  
 Large-flowering, Red Shades Mixed — Pkt. 25 cts.

## POPPIES

This Poppy by far outclasses all of the annual varieties, of this beautiful family of flowers. It originated from the Carnation flowered type, but surpasses it with its enormous size blooms, a large portion of which are extra frilled, together with its wonderful profusion of shades and tints fantastically fringed and striped with brilliant shades of reds and pinks.

They require no more care and cultivation than ordinary poppies and the results are a hundredfold more pleasing.

## SHIRLEY POPPIES

Single, Finest Mixed — (Santa Rosa strain). A greatly improved strain of the popular Shirley Poppy. The brilliant colorings and wonderful variety of the flowers make a very effective display in the garden. Pkt. 10 cts., oz. 60 cts.  
 Double Finest Mixed — A lovely strain of double and semi-double flowers. Pkt. 10 cts., oz. 75 cts.  
 Collection — Twelve separate varieties of single Shirley Poppies, \$1.00.

## SINGLE POPPIES

Annual Varieties — Finest mixed. Pkt. 10 cts., oz. 25 cts.

## DOUBLE ANNUAL POPPIES

White, Feathered — Pkt. 10 cts., oz. 40 cts.  
 Mikado — Large, white, fringed flowers, striped crimson. Pkt. 10 cts., oz. 30 cts.  
 American Flag — White bordered with scarlet. Pkt. 10 cts., oz. 40 cts.  
 Rosy Pink — Feathered; beautiful. Pkt. 10 cts., oz. 40 cts.  
 Peony Flowered, Mixed — Very large. Pkt. 10 cts., oz. 35 cts.  
 Carnation Flowered, Mixed — Fringed, very double. Pkt. 10 cts., oz. 40 cts.  
 Iceland — (Nudicaule). Finest single mixed. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 75 cts.  
 Iceland, Finest Double Mixed — Beautiful. Pkt. 15 cts.,  $\frac{1}{2}$  oz. \$1.00.  
 Giant White California Poppy — (Romneya Coulteri). Pure white, with a fine bunch of yellow stamens; 6 ft. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

## PORTULACA

Charming dwarf annuals of low growth, flowering profusely and furnishing a lovely floral carpet all Summer, even in the hottest weather and until hard frost kills them in late Fall. Portulacas should have a sunny place and they do well in the poorest, driest soil. A bed of Portulacas, with their abundance of bright flowers of gayest colors, is a beautiful sight. Should not be sown outdoors before May 15th. They hug the ground closely and do not grow higher than 4 or 5 inches.

**Single White** — Pkt. 10 cts., oz. \$1.00.

**Single Rose** — Pkt. 10 cts., oz. \$1.00.

**Single Scarlet** — Pkt. 10 cts., oz. \$1.00.

**Single Golden Yellow** — Pkt. 10 cts., oz. \$1.00.

**Single Finest Mixed** — Pkt. 5 cts., oz. 75 cts.

**Double Finest Mixed** — The flowers resemble tiny Roses. Pkt. 10 cts.,  $\frac{1}{8}$  oz. 75 cts.

**Collections** — Four Single Flowering varieties, 30 cts., 8 Double Flowering varieties, 75 cts.

## DOUBLE GRANDIFLORA

**Alba** — White. Pkt. 10 cts. oz. \$1.50.

**Rosea** — Rose. Pkt. 10 cts., oz. \$1.50.

**Salmonea** — Salmon. Pkt. 10 cts., oz. \$1.50.

**Splendens** — Crimson. pkt. 10 cts., oz. \$1.50.

**Sulphurea** — Yellow. Pkt. 10 cts., oz. \$1.50.

**Finest Mixed** — Pkt. 10 cts., oz. \$1.25.

## PUERARIA THUNBERGIANA

(Japanese Kudzu Vine)

To this must be awarded first place as the fastest-growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large and covers well; it bears small racemes of rosy purple, pea-shaped blossoms toward the close of August. A splendid subject for permanently covering verandas, dead trees, etc. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts.

## PRIMULA

(Primrose)

The charming and beautiful Chinese Fringed Primroses and Obconica varieties are among the most important winter-blooming pot-plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains of English and Continental growth. Florists and others report that they have never seen finer flowers than those produced from our seed. Seed sown in April will bloom during early winter; August for spring blooming. Sow in shallow pans, in soil consisting of part sand and leaf-mold worked through a fine sieve and allow for good drainage. Cover seeds lightly and water frequently; give a temperature of about 65 degrees.

### Primula obconica gigantea

This type of Primula outrivals the old Obconica type, the flowers being considerably larger, often measuring  $1\frac{1}{2}$  inches in diameter.

**Obconica gigantea Kermes'na** — Rich crimson. Pkt. 25 cts.

**Obconica gigantea rosea** — Rose. Pkt. 25 cts.

**Obconica gigantea alba** — Pkt. 25 cts.

**Obconica gigantea lilacina** — Beautiful lilac. Pkt. 25 cts.

**Obconica gigantea Mixed** — A mixture containing pure white to crimson. Pkt. 25 cts.



Primula Obconica

## PRIMULA SINENSIS (Chinese Primrose)

**Giant Double** — White. Pkt. 75 cts.

**Giant Double** — Scarlet. Pkt. 75 cts.

**Giant Double** — Blue. Pkt. 75 cts.

**Collection** — Six pkt. for \$4.25.

**Giant Double** — Rosy Pink. Pkt. 75 cts.

**Giant Double** — Salmon-pink. Pkt. 75 cts.

**Giant Double** — Mixed. Pkt. 75 cts.

## PRIMULA STELLATA

A very pretty form, with large heads of star-shaped flowers of various colors; a splendid type for decorative purposes. Mixed. Pkt. 75 cts.



## PRIMULA (Continued)

- Malacoides** — (The Giant Baby Primrose). The flowers measure  $\frac{1}{2}$  to  $\frac{3}{4}$  inch across, and the plants branch very freely. The flowers, of a pretty lilac, are borne in whorls on stems which are graceful and strong. If grown in a greenhouse, can be had in bloom in four or five months after sowing. A most delightful plant for table decoration. Pkt. 25 cts., 5 pkts. \$1.00.
- Malacoides alba** — This beautiful new variety is a welcome addition to this type of Primula. All those who have grown Malacoides have been pleased, making the white variety a strong favorite. Makes a charming combination with the lilac form. Pkt. 25 cts., 5 pkts. \$1.00.
- Forbesii** — (The Baby Primrose). Quite the freest-flowering Primula we know of. The plants throw up tiny flower-stalks when only a few weeks old, but we advise pinching them off and the plants kept growing until October. They may then be allowed to flower, which continues until late in the spring in greatest profusion. Pkt. 25 cts., 5 pkts. \$1.00.
- Kewensis** — This new variety is most attractive, with pleasing, bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant. Pkt. 25 cts., 5 pkts. \$1.00.

## HARDY PRIMROSE

These are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a coldframe.

- Auricula** — A well-known favorite of great beauty; seed saved from splendid choice mixed varieties. 6 inches. Pkt. 15 cts.
- Japanica** — (Japanese Primrose). Bright and showy flowers, borne in whorls on stems 6 to 9 inches long. Mixed. Pkt. 10 cts.
- Vulgaris** — (English Primrose). Canary-yellow; fragrant. Pkt. 10 cts.  $\frac{1}{4}$  oz. 50 cts.

## REHMANNIA

- Angulata** — Greenhouse herbaceous perennial from central China, erect habit; 2 to 3 feet in height; flowers 3 inches in diameter, rosy purple with yellow throat, spotted with deep purple; of easy culture; blooms nine months from time of sowing seed. Pkt. 25 cts.,

## RUDBECKIA

(Golden Glow)

- Hardy Perennial. A showy class of strong, easily cultivated plants, with bright flowers borne on long, stiff stems, splendid for cutting.
- Newmanii** — H. P. Large, golden yellow; 3 ft. Pkt. 10 cts.

## PYRETHRUM

The first-named variety is the well-known Golden Feather so much used for edging, carpet-bedding, etc., while the others are most attractive hardy plants, with daisy-like flowers that are perfect gems for cutting. No hardy border should be without these charming plants, as their flowers make delightful subjects for home decoration.

- Aureum** — (Golden Feather). Half-hardy perennial, grown as an annual. Valuable for edging, as the foliage makes a fine contrast with other bedding plants. Pkt. 10 cts., oz. 50 cts.
- Roseum hybridum fl. pl.** — Large flowered, double, extra choice. Splendid mixed. Pkt. 25 cts.
- Hardy Double White** — Pure white, ball or button shaped flowers; very showy; excellent cutting material. Pkt. 10 cts.

## RHODANTHE

- (Swan River Everlasting). — A charming annual; succeeds in a light rich soil and a warm sheltered situation; valuable for pot culture; flowers everlasting; mixed colors; 1 foot. pkt. 10 cts.

## RICINUS

(Castor Oil Bean)

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing sub-tropical effect; fine for lawns, massing or centre plants for beds.

- Cambodgiensis** — The main stems and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained; 5 feet. Pkt. 10 cts., oz. 25 cts.
- Panormitanus** — Immense dark brown leaves, producing a fine tropical effect. Pkt. 10 cts., oz. 25 cts.
- Philippinensis** — A variety from the Philippines, with beautiful gigantic foliage; 10 feet. Pkt. 5 cts., oz. 25 cts.
- Sanguineus** — Blood red stalks and clusters of red fruit; 8 feet. Pkt. 10 cts., oz. 25 cts.
- Zanzibariensis** — A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze changing to dark green, with reddish ribs. The seeds are beautifully marked. Pkt. 10 cts., oz. 25 cts.
- Mixed** — All sorts. Pkt. 10 cts., oz. 20 cts.

## SALPIGLOSSIS

(Painted Tongue)

Half Hardy Annual. While this is one of the greatest favorites among our annuals with those who know it well, it is not a familiar flower to many. It should be far better known. The plants flower very freely from July until frost. They are among our showiest and most beautiful annuals for beds or for borders. The exquisite beauty of the flowers cannot be described in words.

## SALPIGLOSSIS SUPERBISSIMA

Large Flowered "Emperor"  
Varieties

Emperor Salpiglossis forms only one leading stem from which branch out near the top numerous side shoots, each bearing a large flower, richly veined with gold, the whole presenting a veritable bouquet of beautiful flowers.

**Brown and Gold** — Pkt. 10 cts.

**Brown and Yellow** — Pkt. 10 cts.

**Chamois** — Light pink. Pkt. 10 cts.

**Dark Scarlet** — Pkt. 10 cts.

**Light Blue** — Pkt. 10 cts.

**Purplish Violet** — Pkt. 10 cts.

**Rose** — Pkt. 10 cts.

**Yellow** — Pkt. 10 cts.

**Emperor** — (Superbissima). Finest mixed. Pkt. 10 cts.

**Collection** — One pkt. each, 8 varieties, 65 cts.



Salpiglossis

## SANVITALIA

**Procumbens fl. pl.** — An annual of

dwarf compact growth; useful in masses in beds, or edges of borders, or in vases, baskets, etc. Showy bright yellow, double flowers; in bloom all summer. Pkt. 10 cts.

## SALVIA (Scarlet Sage)

Half Hardy Perennial. A most magnificent Summer and Autumn flowering plant. Nothing is more gorgeous in the garden than Scarlet Salvia. Nothing more striking for a display in beds on the lawn, in borders along the drive, or in a close border around the house. The vivid scarlet spikes are like veritable torches of flame rising from the beautiful green foliage. They have a bush-like growth — compact and trim and grow from 2½ to 4 feet in height. Salvia is also fine for pot culture. The varieties of Salvia splendens will bloom in early Summer if the seed is sown early in March in shallow boxes of light rich soil and placed in a warm, sunny window. When well started, set the young plants in small flower pots and keep them growing as rapidly as possible until the nights are quite warm and the trees well out in leaf, when they may be put out in the open.

**Nana compacta, Zurich** — A compact, dwarf and very early flowering sort, forming perfect ball-shaped bushes. The flower spikes stand erect, well above the foliage and are covered with a mass of extremely large, fiery flowers. It commences to bloom as early as June and continues until frost. A grand variety for bedding; 16 to 18 in. Pkt. 15 cts. ½ oz. \$1.50.

**Splendens gradiflora, Scarlet** — A rich flowered bedder; 3 ft. Pkt. 10 cts., oz. \$2.50.

**Bonfire** — (Clara Bedman). Compact bush; scarlet flowers: the finest of all; 2½ ft. Pkt. 10 cts., oz. \$5.

**America** — Very dwarf and compact variety, especially suitable for pot culture. The plants are about 18 in. to the top of the flower spikes and about the same in diameter. A splendid sort for edging beds of large growing plants, such as Cannas. Pkt. 25 cts.

**Patens** — Rich deep blue; fragrant. Pkt. 15 cts.

**Azurea grandiflora** — A hardy perennial variety, with pretty sky-blue flowers, blooms profusely during August and September; 3 ft. Pkt. 15 cts.

**Farinacea, Blue** — A perennial variety, but best grown as an annual. Seed sown in the open ground in May blooms from July to frost. The light blue flowers are borne on long spikes, held above the foliage. Grows about 2 ft. high. Pkt. 10 cts.





Scabious

## SCABIOSA

(Mourning Bride, Pincushion Flower or Sweet Scabious)

Hardy Annual and Hardy Perennial. Sweet Scabious are well known annuals. Our Scabious are the double large flowered type. These are great favorites with many for their bedding and border possibilities. The beautiful flowers are borne on long, graceful stems in exquisite shades, and when they are cut, they keep in perfect condition for the best part of a week. The plants bloom uninterruptedly from June until frost. The flowers are very showy. Sow seeds outdoors as soon as the ground is warm.

### IMPROVED LARGE-FLOWERING DOUBLE

**Azure Fairy** — Lavender-blue. Pkt. 10c.

**Fiery Scarlet** — Pkt. 10 cts.

**King of the Blacks** — Black purple. Pkt. 10 cts.

**Rosy Carmine** — Pkt. 10 cts.

**Sulphur-Yellow** — Pkt. 10 cts.

**Snowball** — White. Pkt. 10 cts.

**Finest Mixed** — Pkt. 10 cts., oz. 75 cts.

**Collection** — Six varieties, 50 cts.

### PERENNIAL VARIETIES

**Caucasica** — Light blue; 3 ft. Pkt. 15 cts.

**Caucasia** — Pure white; 3 ft. Pkt. 15 cts.

## SCHIZANTHUS

(Poor Man's Orchid)

A Hardy Annual.

**Wisetonensis, Cook's Improved Strain** — Well known, compact strain; charming long and profuse-blooming hybrids, chiefly light shades — white, buff and rose grounds with markings and colors of a fancy Pelargonium. Pkt. 50 cts.

**Pink Beauty** — This is an exquisite self shade of rose pink, without markings or shading. A unique color, delightfully effective for grouping and for table decorations. Pkt. 50 cts.

**Hybridus grandiflorus** — Large, orchid-like flowers. Finest mixed. Pkt. 10 cts., oz. 2.00.

## SOLANUM CAPSICASTRUM

(Jerusalem Cherry). Half Hardy Perennial. Ornamental fruit-bearing plants, covered with scarlet fruit during the Winter. Pkt. 15 cts.

## STEVIA SERRATA

Pure white, graceful spikes of tiny flowers; excellent for bouquets; 2 ft. Pkt. 15 cts.

## STREPTOCARPUS HYBRIDUS

A new hybrid race of the Cape Primrose, the flowers somewhat resembling those of the gloxinia, but smaller. The plants are compact in habit, the flowers about 2 inches in diameter, with long, tube-like corollas, and are borne in clusters of six to eight on a stem, with several stems to the plants. The colors are varied from white through shades of pink, rose, wine-red, light blue, mauve, etc., many having white throats or marked in various ways. Used for greenhouse decoration. Pkt. 50 cts.

## STOKESIA

**Cyanea** — (Cornflower Aster). Hardy Perennial. Lavender-blue, Cornflower-like blossoms; splendid for cutting. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 75 cts.

## STOCKS

Half Hardy Annual. Stocks, the old-fashioned Gilliflowers, cannot be excelled for beauty and fragrance. They have so many good qualities that they surely deserve a place in your garden — and in every garden. As they are half hardy annuals, seed should be started in the house or hotbed during March or April and planted into small pots, and then set out in the garden during May, allowing one foot between the plants, in order that they may attain full and perfect development. In transplanting discard the sturdier plants, these invariably producing single flowers.

### LARGE-FLOWERING DWARF DOUBLE TEN WEEKS

Produces massive, pyramidal spikes with a large percentage of perfectly double, delightfully fragrant flowers of great substance and brilliancy; 1 foot.

**Pure White** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Brilliant Rose** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Blood-Red** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Light Blue** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Collection** — Twelve distinct colors, \$1.00.

**Canary-Yellow** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Crimson** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Light Blue** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.25.

**Finest Mixed Large Flowering** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.00.

### DRESDEN PERPETUAL STOCKS, or CUT-AND-COME-AGAIN

Beautifully shaped, double flowers; a splendid stock for cutting and forcing, and perhaps the most satisfactory type of stocks for bedding.

**Canary Yellow Improved** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.50.

**Crimson** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.50.

**Princes Alice** — Pure white; beautiful, large spikes.

**Prince Bismarck** — White, extra long spikes of largest double flowers. Pkt. 15 cts.,  $\frac{1}{8}$  oz. \$1.75.

**Finest Mixed** — All colors. Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.50.

**Collection** — Eight separate varieties, 85 cts.

**Pink** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.50.

**Dark Blue** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.50.

**Light Blue** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.50.

Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.75.

### GIANT PERFECTION TEN WEEKS

A splendid race of strong pyramidal growth and fine branching habit, bearing splendid, long spikes, of beautiful large, double flowers; 2 feet.

**Pure White** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$2.50.

**Sulphur-Yellow** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$2.50.

**Light Blue** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$2.50.

**Finest Mixed** — Unexcelled for richness. Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.75.

**Collection** — Six of the above varieties, 20 cts.

**Chamois-Rose** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$2.50.

**Crimson** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$2.50.

**Dark Blue** — Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$2.50.

### WINTER STOCK, EARLY LARGE-FLOWERING (Giant Nice)

Half Hardy Biennial. It may be taken for granted that nearly all growers of cut flowers are acquainted with this splendid class of stocks, so valuable for forcing and bedding. They produce long trusses of extremely double flowers and can be cultivated either as a Summer or a Winter Stock.

**Beauty of Nice** — Flesh pink. Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.00.

**Queen Alexandra** — Rosy lilac. Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.00.

**Crimson King** — Fiery crimson. Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.50.

**Mont Blanc** — Pure white. Pkt. 10 cts.,  $\frac{1}{8}$  oz. \$1.75.

## SWEET WILLIAM

(*Dianthus barbatus*)

A well-known, attractive biennial which flowers the second season from seed. Sow outdoors in May, and transplant in August.

**Single White** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Single Crimson** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Dark Crimson** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Single Red, Margined White** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Single Black-Red** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Single Finest Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Collection** — One pkt. each of 5 separate colors, 20 cts.

**Double White** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.00.

**Double Crimson** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.00.

**Double Black-Red** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.00.

**Double Pink** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.00.

**Double Finest Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. \$1.75.

**Newport Pink** — A distinct new color which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmon-rose; strikingly brilliant and beautiful. The flowers are borne in massive heads, on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective for cutting. Pkt. 15 cts., 2 pkts. 25 cts.

**Scarlet Beauty** — A very effective, rich, deep scarlet variety. Pkt. 15 cts., 2 pkts. 25 cts.



SWEET WILLIAM  
(*Dianthus barbatus*)





Sweet Peas

## SWEET PEAS

This beautiful annual has always been one of our specialties, our stocks being carefully grown for us each year by leading experts, while our varieties are the finest in their respective colors and may be relied upon to give our customers unbounded satisfaction.

The fact that Sweet Peas are so easily grown and produce their lovely sweet scented flowers so freely is the reason why they are such favorites with all flower lovers. Unsurpassed for cutting, they are unequalled for any purpose to which flowers may be used.

When ordering ask for our special free cultural leaflet written by an expert, it contains all the salient points in the successful culture of this beautiful flower.

## GIANT ORCHID-FLOWERED SWEET PEAS

New and best varieties of the Spencer Type

The Spencer type has flowers of immense size, when well grown measuring from 2 to 3 inches in diameter and borne three to five on extra long, stiff stems. While most floriferous they are very shy seeders, thus the true Spencer type of Sweet Peas can never be produced cheaply. Our list of varieties has again been carefully revised and includes the very finest varieties now in cultivation.

## PINK AND ROSE-PINK SHADES

**Annie Bownass** — A beautiful bright pink, heavily suffused salmon and amber on white ground. One of the best in this shade. Pkt. 10 cts., oz. 75 cts.

**Beryl** — Soft salmon-pink, a strong grower, the immense flowers being freely borne four on a stem. Pkt. 10 cts., oz. 75 cts.

**Countess Spencer** — The original Giant flowered Spencer with finest waved standard and clear pink wings; almost a self color and one of the best. Pkt. 10 cts., oz. 60 cts.

**Hawmark Pink** — A clear salmon pink, wings almost rose pink, really one of the finest ever offered. Pkt. 35 cts.

**Hercules** — A giant clear pink of extraordinary size and substance. The best of this color for exhibition. Pkt. 10 cts., oz. 75 cts.

**Margaret Atlee** — Rich glowing rose pink, suffused with salmon; of largest size and borne profusely in fours on long, strong stems. Pkt. 10 cts., oz. 60 cts.

## PURE WHITE

**Constance Hinton** — Decidedly the best black seeded white variety. The flowers are of largest size best Spencer form and usually produced in fours on long, stout stems. Pkt. 10 cts., oz. 60 cts.

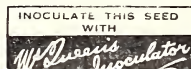
**King White** — The blooms are of very good substance and of immense size. Of extremely vigorous growth and very floriferous, producing fours in abundance. The grandest of all whites. Pkt. 10 cts., oz. 60 cts.

**White Spencer, Re-Selected** — Very large and of magnificent Spencer waved form; stems as a rule carry four blossoms. Pkt. 15 cts., oz. 50 cts.

## BICOLOR

**Blanche Ferry Spencer** — A giant type of Spencer form; rose standard and white wings. Pkt. 15 cts., oz. 50 cts.

**Mrs. Cuthbertson Spencer** — Standard clear rose-pink, wings white, faintly flushed with pale rose-pink. Pkt. 10 cts., oz. 60 cts.



## SWEET PEAS (Continued)

## DELICATE ROSE AND BLUSH-PINK

- Agricola** — A very beautiful variety. Color white, delicately suffused, soft silvery lilac. The flowers are of great substance, of good size, and usually borne in fours. Pkt. 10 cts., oz. 60 cts.
- Elfrida Pearson** — The finest and largest pale pink, producing plenty of fours. Pkt. 10 cts., oz. 60 cts.
- Florence Morse Spencer** — Delicate blush-pink with margins of deeper pink. Pkt. 10 cts., oz. 60 cts.
- Gladys Unwin** — Pale rosy pink, wavy standard and broad wings. Pkt. 10 cts., oz. 25 cts.
- Lady Evelyn Eyre** — A lovely shade of blush-pink, the standards being broad, of good substance and delightfully waved and frilled. Pkt. 10 cts., oz. 60 cts.

## BLUE, PURPLE AND MAROON SHADES

- Flora Norton Spencer** — Bright blue, nicely waved. Pkt. 10 cts., oz. 50 cts.
- Nubian** — Large, bold and wavy flowers; uniform deep chocolate color. The best of this color. Pkt. 10 cts., oz. 60 cts.
- Royal Purple** — A very rich royal purple. Pkt. 10 cts., oz. 60 cts.
- King Manoel** — Giant flowering maroon, the flowers are of perfect form and borne in magnificent sprays of three and four. Pkt. 10 cts., oz. 60 cts.
- Tennant Spencer** — Rosy purple, self color. Pkt. 10 cts., oz. 40 cts.
- Wedgwood** — Unique shade of Wedgwood-blue. Borne mostly in fours, of the finest Spencer form. Pkt. 15 cts., oz. 75 cts.

## GIANT WAVED OR SPENCER SWEET PEAS

## (Cultural Directions)

Sow seed as soon as the ground can be worked in the spring. Dig a trench about a foot wide and deep, and fill in with 6 inches of well-rotted stable manure; tread down firmly and replace the good garden soil. Draw a single straight line in the middle of the prepared surface, about  $\frac{3}{4}$  inch deep; sow seed at even distances of about 3 inches and cover. When the plants grow about 3 or 4 inches high; thin out, leaving the plants 6 inches from each other. (Experts who raise for exhibition thin out to one foot).

The cutworm is one of the greatest enemies of Sweet Peas, attacking the young shoots just as they come up. At the first appearance of this pest, a good sprinkling of lime over the row sometimes helps to exterminate it. As soon as the vines reach a height of about 8 inches, proper trellis or other supports should be provided.

- Asta Ohn** — Soft pinkish lavender. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Aurora Spencer** — White ground, striped and flaked orange-pink. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Barbara** — Salmon-colored; quite uniform. Special strain. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Blanche Ferry Spencer** — Standards rose, wings white. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Charles Foster** — Pastel shade; general effect of flower mauve-pink. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Cherub** — Deep creamy buff edged bright rose. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Constance Hinton** — The best black-seeded white Spencer. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Countess Spencer** — Bright shade of pink. Pkt. 15 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Dainty Spencer** — White ground, beautiful picotee edge of rose-pink. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Decorator** — The general tone is a deep cerise. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Dobbie's Cream** — Deep cream; a grand variety. Special strain. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Elfrida Pearson** — Giant size; pale pink on white ground. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Etta Dyke** — A splendid white variety. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Fiery Cross** — A very striking bright shade of orange-scarlet. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Florence Morse Spencer** — Standard richly flushed pink, wings soft blush. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Florence Nightingale** — Rich lavender, soft pink sheen. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- George Herbert** — Rose-crimson, suffused with magenta. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Helen Lewis** — Fine orange-salmon-pink. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Hercules** — Might well be described as a giant or larger Countess Spencer. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- King Edward Spencer** — A pure red Spencer. Special strain. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.50.
- King White** — The finest white for exhibition. Special strain. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Margaret Atlee** — Warm salmon-pink, suffused over a cream ground; exquisite. Special strain. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Margaret Madison** — A self-colored clear azure-blue; exquisite. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.



## SWEET PEAS (Continued)

- Mrs. Cuthbertson** — Standard clear rose-pink, wings white, with faint blush of pink. Special strain. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Mrs. C. W. Breadmore** — Creamy buff ground, beautifully edged with rose-pink, Special strain. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Mrs. Hugh Dickson** — The best of the cream-pinks. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Mrs. Routzahn** — Beautiful blending of soft-straw-color, tinted blush-pink. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Mrs. Townsend** — White ground, edged pale blue. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Nubian** — The finest deep chocolate-maroon. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Othello Spencer** — Glossy maroon. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Primrose Spencer** — The finest primrose. Special strain. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- R. F. Felton** — An English variety, somewhat similar in color to Florence Nightingale. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Royal Purple** — A beautiful shade of rich royal purple. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Senator Spencer** — Chocolate and seal-brown striped, flaked and mottled on ivory-white. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Sterling Stent** — Glorious deep salmon, suffused with orange. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Tennant Spencer** — A curious purplish mauve. Pkt. 15 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.
- Thomas Stevenson** — Brilliant orange-scarlet, the finest of its color. Special strain. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Vermillion Brilliant** — Brilliant scarlet; very fine. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- Wedgwood** — Bright silvery blue with a faint suggestion of mauve in the standard. Pkt. 15 cts., oz. 60 cts.,  $\frac{1}{4}$  lb. \$2.00.
- White Spencer** — Splendid, uniform white. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.50.

## Cook's Euclid Giant Spencer or Orchid-Flowered Sweet Peas Mixed

This mixture includes only the most effective colors of the Giant Spencer varieties, many of them producing three to four blooms on a stem. The flowers are of large size and excellent for cutting. Lb. postpaid, \$3.50;  $\frac{1}{4}$  lb., \$1.00; oz., 35 cts., pkt. 10 cts.



Tritoma

## TRITOMA

Hardy Perennial

- Uvaria grandiflora** — (Red-Hot-Poker Plant). Flowers scarlet, orange and yellow, on a very prominent spike. 4 ft. Pkt. 10 cts.
- Express** — New. Similar to above, but throws up its flowers as early as June and continues till frost. Pkt. 20 cts.
- Hybrida Mirabilis** — (New Annual Hybrids of the well known Red-Hot-Poker Plant). Blooms within four months of the time the seed is sown, and flowers abundantly from July until cut down by frost. Light citron-yellow to orange scarlet. Pkt. 25 cts.

## Thunbergia

Half Hardy Annual. A very beautiful annual climber, rapidly covering wire trellises, also useful for vases in the garden, greenhouse or rustic work. Their colors are buff, orange and white; there is also a variety with a black eye and this is sometimes called Black-Eyed Susan. Height feet. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 60 cts.

## VINCA (Madagascar Periwinkle)

Ornamental free-blooming perennials flowering the first year from seeds sown in February or March in heat. They have dark laurel-like foliage and handsome pink and white flowers. They are most effective as bedding plants and are particularly adapted for dry sunny situations where they will flower luxuriantly all Summer. Seeds are of slow germination. 1 foot.

**Bright Rose** — Pkt. 10 cts.

**White with rose eye** — Pkt. 10 cts.

**Delicata** — Delicate pink. Pkt. 10 cts.

**Pure White** — Pkt. 10 cts.

**Mixed** — Pkt. 10 cts.

## VERONICA

**Veronica spicata** — An elegant hardy border plant, growing about 1½ feet high, bearing all summer spikes of bright blue flowers, which lengthen with age. Pkt. 10 cts.

**Spicata alba** — White. Pkt. 10 cts.

**Spicata, Mixed** — Pkt. 10 cts.

**Spicata rosea** — Pink. Pkt. 10 cts.

## TORENIA

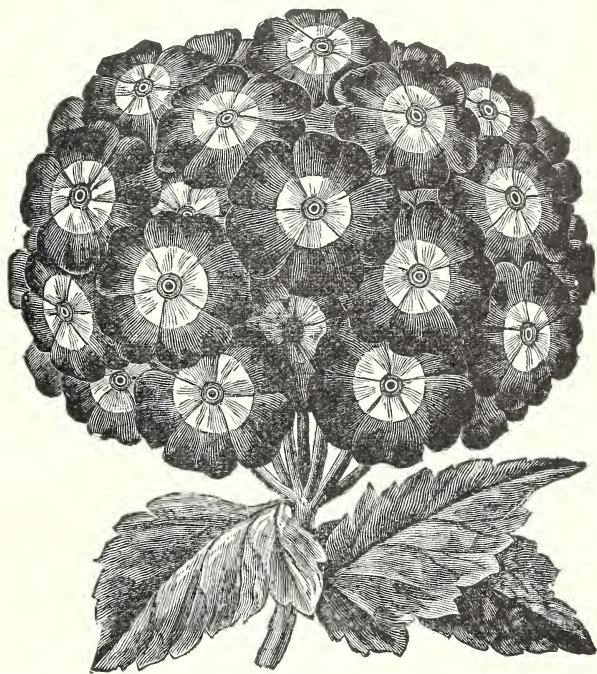
A most beautiful genus of free-flowering tender annuals. If started in heat in February or March they commence to bloom in June and continue until frost; height 10 inches.

**Bailloni** — Flowers golden yellow, with purple throat. Pkt. 25 cts.,  $\frac{1}{16}$  oz., \$1.25.

**Fournieri grandiflora** — Sky blue with three large blue spots and a bright yellow throat. Pkt. 25 cts.,  $\frac{1}{16}$  oz. \$1.25.

**Fournieri White Wings** — Blush white with yellow throat; very beautiful. Pkt. 25 cts.,  $\frac{1}{16}$  oz. \$1.25.

**Fournieri speciosa** — A charming new variety with very large violet-blue and white flowers. Pkt. 25 cts.



Verbenas

## Mammoth Verbenas

We have been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hotbed and transplanted to flowering quarters in May. If sown outdoors; in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease.

**Mammoth Defiance** — Scarlet, Pkt. 10 cts., oz. \$2.00.

**Mammoth Blue** — Deep blue. Pkt. 10 cts., oz. \$2.00.

**Mammoth Pink** — Deep pink. Pkt. 10 cts., oz. \$2.00.

**Mammoth White** — Pure white. Pkt. 10 cts., oz. \$2.00.

**Mammoth Striped** — Pkt. 10 cts., oz. \$2.00.

**Mammoth Yellow** — Pkt. 10 cts., oz. \$2.00.

**Mammoth Mixed** — Finest colors. Pkt. 10 cts., oz. \$2.00.

## VARIOUS VERBENAS

**Lemon Verbena** — (*Aloysia citriodora*). Every garden should have a few plants of this fragrant favorite. Its pale green, delightfully scented foliage goes well with any flower. Pkt. 10 cts.

**Verbena venosa** — A handsome half-hardy perennial with purple flowers remaining in bloom for a long period. Blooms the first season from seeds. 1 foot Pkt. 15 cts.,  $\frac{1}{4}$  oz. 35 cts.

## VIOLA

(Tufted Pansies)

While the flowers of Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to Pansies where effect is wanted, the colors being particularly clear and distinct. They also bloom for a longer time. Seed sown in April produces flowering plants in June, and from then on until frost they are a sheet of bloom.

**Cornuta, Admiration** — Large; dark blue. Pkt. 25 cts.

**Cornuta, Purple Queen** — Pkt. 10 cts., oz. \$3.00.

**Cornuta, Mauve Queen** — Pkt. 10 cts., oz. \$3.00.

**Cornuta, alba** — White. Pkt. 10 cts., oz. \$2.50.

**Cornuta, Papilio** — Blue, with dark eye. Pkt. 10 cts., oz. \$2.50.

**Cornuta, Perfection** — Light blue; large-flowered. Pkt. 10 cts., oz. \$2.50.

**Cornuta, Yellow** — Pkt. 10 cts., oz. \$3.00.



## GIANT SHOW ZINNIAS

(Youth and Old Age)

Hardy Annual. "Youth and Old Age," so called because these lovely and easily grown annuals bloom continuously from early June all through the season till late in November, when real hard frost kills the plants. Our Giant Zinnias in six separate colors are wonderfully fine. The varieties are well fixed, the plants are of extremely robust habit and throw up numerous long, firm stalks crowned with enormous semi-globular, very double flowers. Specimens measuring 5 to 6 inches across are by no means rare. The colors are very beautiful — white, yellow, scarlet, crimson and purple.

Sow seed thinly in drills early in the Spring when the trees are starting to leaf, transplanting the young plants when 2 or 3 inches high, to stand 12 inches apart for dwarf kinds, to 2 feet for the larger ones. Or two or three seeds may be sown in a slightly raised hill. For early blooming seeds may be planted in coldframes or shallow boxes in a sunny window.

**Giant Pure White** — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Giant Scarlet** — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Giant Flesh Color** — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Giant Mixed** — Pkt. 10 cts.,  $\frac{1}{4}$  oz. 40 cts.

**Giant Golden Yellow** — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Giant Crimson** — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Giant Purple** — Pkt. 15 cts.,  $\frac{1}{4}$  oz. 50 cts.

**Collection** — Six colors of the above varieties.  
75 cts.

## LARGE-FLOWERING DWARF DOUBLE

Compact and very bushy;  $1\frac{1}{4}$  feet.

**Dazzling Scarlet** — Pkt. 10 cts.,  $\frac{1}{2}$  oz. \$1.00.

**Sulphur-Yellow** — Pkt. 10 cts.,  $\frac{1}{2}$  oz. \$1.00.

**Dwarf Double** — Finest Mixed. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 75 cts.

**Curled and Crested** — Large, full flowers, petals twisted, curled and crested in the most fantastic manner. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts., oz. 75 cts.

**Salmon-Pink** — Pkt. 10 cts.,  $\frac{1}{2}$  oz. \$1.00.

**White** — Pkt. 10 cts.,  $\frac{1}{2}$  oz. \$1.00.

## WALLFLOWER

Half Hardy Perennial and Hardy Annual. Wallflowers resemble stocks a great deal in their growth and habits. They are splendid pot plants for the house, but will survive the Winter in the open if planted in a sheltered position. Their name comes to us from across the water. They are not as well known nor as well grown in this country as in European countries — and they should be. They need a sheltered position and are so widely grown in the shelter of the walls, which nearly always surround English estates, that they have been given the name "Wallflower." With the exception of the annual kinds, plants bloom the second year from time of sowing — yellow, brown and purple shades, with a beautiful blood red. The flower spikes are very fragrant and are much worn in corsage bouquets.

Perennial sorts should be sown in Autumn and carried over in coldframes. Annual sorts may be sown indoors in March and will flower the first year from seed, and bloom freely through the Summer and Autumn.

The new early flowering varieties may be treated as Annuals. The average height is 2 feet.

**Finest Mixed Annual** — Pkt. 10 cts.



Giant Zinnias

## EVERLASTING FLOWERS

The following list of Everlastings are annuals, except where noted. Sow outside in May and thin out to 6 inches.

**Acroclinium** — Hardy annual. Good for cutting. Double White, Double Pink, Single Rose, and Double Mixed. Pkt. 10 cts.

**Globe Amaranth** — (*Gomphrena*). Sometimes called "Bachelor's Buttons." Popular bedding plants; flowers resemble clover heads and can be dried and used in winter bouquets. Rose, White, Purple, and Mixed. pkt. 10 cts., oz. 50 cts.

**Helichrysum** — (Straw Flower). One of the best and most popular of the "Everlastings." Very effective double flowers, making a fine display in beds or borders. To produce excellent plants thin out to 2 feet.

**Monstrosum** — Double Yellow, White, Rose, Scarlet, and Mixed. Pkt. 10 cts.

**Rhodanthe** — Very beautiful, delicate looking "Everlastings," much prized for winter bouquets.

**Maculata** — Single White. Rose and Mixed. Pkt. 10 cts.

**Statice** — (Sea Lavender) Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets. Mixed varieties. Pkt. 10 cts.

## SPRING FLOWERING BULBS

### LARGE FLOWERING CANNAS

**David Harum** — Intense vermillion scarlet, free blooming. (Bronze foliage). 3 feet. 20 cts. each, \$2.00 per doz., \$15.00 per 100

**Egandale** — A pleasing shade of currant-red, early. (Bronze foliage). 4 feet. 25 cts. each, \$2.50 per doz., \$15.00 per 100.

**Firebird** — Glistening scarlet, with broad petals of fine substance. (Green foliage). 3½ feet. 25 cts. each, \$2.50 per doz., \$18.00 per 100.

**Hungaria** — Large, pure pink flowers, borne in trusses of enormous size. (Green foliage). 3½ feet. 20 cts., each, \$2.00 per doz., \$15.00 per 100.

**King Humbert** — Orange-scarlet, shaded crimson; a most popular variety. (Bronze foliage). 4 feet. 20 cts. each, \$2.00 per doz., \$15.00 per 100.

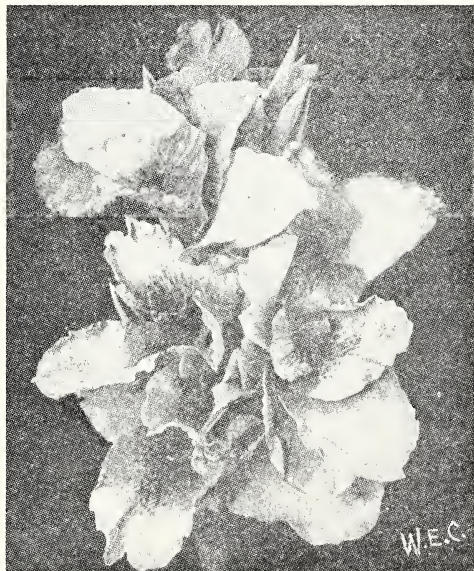
**Madame Crozy** — Vermillion-scarlet with narrow edge of bright golden yellow. (Green foliage). 3½ feet. 15 cts. each, \$1.50 per doz., \$8.00 per 100.

**Mrs. Alfred F. Conard** — Beautiful salmon-pink flowers of great size and substance. (Green foliage). 4 feet. 25 cts. each, \$2.50 per doz., \$18.00 per 100.

**Meteor** — Deep dazzling crimson flowers, produced in mammoth clusters. (Green foliage). 5 feet. 20 cts. each, \$2.00 per doz., \$15.00 per 100.

**Panama** — Rich orange-red with bright golden yellow border. Flowers of large size with wide petals. (Green foliage). 3 feet. 15 cts. each, \$1.50 per doz., \$12.00 per 100.

**Richard Wallace** — While this variety is not new, it still remains among the best of the canary-yellow sorts. The habit of the plant is excellent. The flowers are very large and are borne gracefully above the foliage. Height 4½ feet. 25 cts. each, \$2.50 per doz., \$18.00 per 100.



Cannas



# HARDY LILIES



**Lilium Auratum**

**Auratum.** (The Golden Rayed Lily of Japan.)

White spotted with crimson, having a bright yellow band through the center of each petal; fragrant. Extra size bulbs, 9 to 11 inches. Each, \$0.50; Doz., \$5.50; 100, \$40.00.

Mammoth size bulbs, 11 to 13 inches. Each, \$0.75; Doz., \$7.00; 100, \$53.33.

**Canadense.** Native. Bright yellow with black spots. Each, \$0.25; Doz., \$2.50; 100, \$15.00.

**Henryi.** The Yellow Speciosum. Rich apricot-yellow, lightly spotted brown. Each, \$0.75; Doz., \$7.50; 100, \$55.00.

**Regale** (Myriophyllum). Absolutely hardy and excellent for forcing or outdoors. Each, \$1.00; Doz., \$10.00; 100, \$90.00.

**Speciosum Album.** Pure white, fragrant, 9 to 11 inches. Each, \$0.60; Doz., \$6.00; 100, \$45.00.

**Speciosum Roseum.** White, spotted deep red. 9 to 11 inches. Each, \$0.60; Doz., \$6.00; 100, \$45.00.

**Speciosum Rubrum.** Rose, spotted crimson. 9 to 11 inches. Each, \$0.60; Doz., \$6.00; 100, \$45.00.

**Speciosum Melpomene.** Rich crimson, heavily spotted. 9 to 11 inches. Each, \$0.60; Doz., \$6.00; 100, \$45.00.

**Superbum.** (Turk's Cap). Deep orange red. Each, \$0.25; Doz., \$2.50; 100, \$18.00.

**Tigrinum Splendens.** (Improved Tiger Lily.) Rich scarlet with black spots; large bulbs. Each, \$0.25; Doz., \$2.50; 100, \$18.00.

## LILY OF THE VALLEY (Cold Storage)

### "Aulseed" Selected Brand

"Aulseed" Brand of Lily of the Valley on which we have specialized for many years has become famous for its robust growth, and number of bells borne on each spike. The pips are especially grown and selected for our private trade. Packed in case of 250, \$18.50; 500, \$35.00; 1,000, \$65.00. Outdoor Pips: 100, \$5.00; 1,000, \$45.00.

## GLADIOLI

Few of the Summer-flowering Bulbous Plants have met with the same increased interest that Gladioli have in the past ten years. Their adaptability for garden decoration or use as a cut-flower during the summer and autumn months is not surpassed by any bulbous plant we know of. In cutting Gladioli for the house, it is best to cut the spikes as soon as the first one or two flowers are open. The remainder will open in the house. If you take pains each day to remove the faded flowers, cut a little off the end of the stem and change the water, a spike will last a week or ten days.

**America** — Delicate lavender-pink flowers of large size, borne on strong stems, and well placed; splendid habit. Very popular cutflower variety. 10 cts. each, 75 cts. per doz., \$4.50 per 100, \$27.50 per 1000.

**Ali**. Fine Lavender, slightly darker outside. Large flower. 15 cts. each, \$1.50 per doz., \$10.00 per 100.

**Anna Eberius**. An extra fine variety; a self-color of rich, velvety purple, with a deep, purplish red blotch on the lower petals; flowers large, on long spikes. 10 cts. each, \$1.00 per doz., \$7.50 per 100.

**Baron Hulot** — Rich, royal violet-blue. One of the finest of its color. Flowers are medium in size, well placed, and borne on strong spikes. A variety used for contrasting with the pale and deep yellow sorts. 15 cts. each, \$1.50 per doz., \$8.00 per 100.

**Brenchleyensis**. Bright scarlet; old favorite of the garden. 10 cts. each, 75 cts. per doz., \$5.00 per 100.

**Duchess of York**. Almost twice the size of Baron Hulot; velvety sheen. 15 cts. each, \$1.50 per doz., \$10.00 per 100.

**E. J. Shaylor**. Ruffled rose pink. Good keeper. 15 cts. each, \$1.50 per doz., \$10.00 per 100.

**Empress of India** — Rich velvety dark red with deep shadings. 15 cts. each, \$1.25 per doz., \$8.00 per 100.

**Halley** — Large open flowers of a delicate salmon pink; very early. 7 cts. each, 75 cts. per doz., \$5.00 per 100.

**Herada** — Very large flowers of pure mauve with deeper markings in the throat; on tall, straight spikes. An unusual color and very effective cut flower. 10 cts. each, \$1.00 per doz., \$7.50 per 100.

**Evelyn Kirtland**. Rose pink, with brighter blotch. Very tall spike. 10 cts. each, \$1.00 per doz., \$7.50 per 100.

**Glory of Kennemerland**. A strong rose, lower petals cream; medium early. 10 cts. each, 60 cts. per doz., \$4.50 per 100.

**Golden Measure**. The deepest shade of yellow in Gladioli. Very beautiful. Scarce. 25 cts. each, \$2.50 per doz., \$18.00 per 100.

**Le Marechal Foch**. A beautiful, light salmon; flowers large. 10 cts. each, 75 cts. per doz., \$5.50 per 100.

**Lily White**. A fine, early white, slightly ivory. Good forcer. 10 cts. each, 75 cts. per doz., \$5.50 per 100.

**Louise**. Lavender-pink, orchid shade. Strong spike. 15 cts. each, \$1.50 per doz., \$10.00 per 100.



War Gladiolas



## GLADIOLI (Continued)

- Miss Helen Franklin.** Pure white, pale blue lines on lower petals. Ruffled, very fine cut flower. 10 cts. each, \$1.00 per doz., \$7.50 per 100.
- Mrs. Frank Pendleton** — Delicate salmon-pink, with a deep, rich maroon blotch on the three lower petals, presenting a vivid contrast; of orchid-like attractiveness. 10 cts. each, 75 cts. per doz., \$5.00 per 100.
- Mrs. Francis King** — A striking shade of light scarlet or flame color; one of the most effective. 7 cts. each, 75 cts. per doz., \$5.00 per 100.
- Mrs. Dr. Norton.** Large flowering, creamy white, suffused with pink at the edge; an imposing flower when in full bloom. 15 cts. each, \$1.50 per doz., \$10.00 per 100.
- Mrs. H. E. Bothin.** Geranium-pink, with scarlet center. One of the newer varieties and becoming very popular. 20 cts. each, \$2.00 per doz., \$12.00 per 100.
- Odin.** Beautiful salmon rose, suffused warm orange. Giant flowers and very early. 10 cts. each, \$1.00 per doz., \$7.50 per 100.
- Peace** — Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall, graceful spikes; a beautiful and exceedingly refined variety. 10 cts. each, 75 cts. per doz., \$5.00 per 100.
- Princes** — Immense wide-open amaryllis-like flowers of a rich, dazzling scarlet, marked with white on the lower portion, which serves to intensify the brilliancy of the scarlet. 12 cts. each, \$1.25 per doz., \$8.00 per 100.
- Prince of Wales** — An early flowering sort with fine spikes of large flowers of delicate apricot-pink, suffused salmon. 10 cts. each, \$1.00 per doz., \$6.00 per 100.
- Red Canna.** Brighter and taller than Mrs. Francis King. Excellent cut flower. 10 cts. each, \$1.00 per doz., \$7.50 per 100.
- Rose Ash.** Old-rose tones, fading to ashes of roses on the outer edges. Very unique. 20 cts. each, \$2.00 per doz., \$15.00 per 100.
- War.** Immense flowers, deep, ox-blood red shaded. 15 cts. each, \$1.50 per doz., \$10.00 per 100.
- White City.** Large white, buds tainted pink but almost pure white when open; strong, straight stem with blooms all the way up. 15 cts. each, \$1.50 per doz., \$10.00 per 100.
- Willbrink.** Pink sport of Halley, fine for early forcing. 10 cts. each, \$1.00 per doz., \$7.00 per 100.
- Yellow Hammer** — Pure yellow, lightly marked with red in the throat; a beautiful variety for cutting. 12 cts. each, \$1.25 per doz., \$8.00 per 100.
- War** — A magnificent dark variety with tall spikes well filled with large flowers of a rich blood-red shaded with crimson-black. 15 cts. each, \$1.50 per doz., \$10.00 per 100.
- Schwaben** — Clear sulphur-yellow with small brown spot in the throat. 60 cts. per doz., \$4.00 per 100.

## PRIMULINUS

- Alice Tiplady.** Rich orange outside petals, inside petals slightly lighter. Good forcer, one of the best primulinus. 10 cts. each, \$1.00 per doz., \$7.50 per 100.
- Maiden's Blush.** Beautiful shell pink, splendid for forcing. Takes the place of the Covelli type. 10 cts. each, \$1.00 per doz., \$7.50 per 100.
- Souvenir.** The best pure yellow Primulinus, excellent for cut flower; is lasting and ships well. 15 cts. each, \$1.50 per doz., \$10.00 per 100.
- Cook's Rainbow Mixture.** This mixture is made up from named varieties, all large flowers and properly blended. 60 cts. per doz., \$4.50 per 100, \$40.00 per 1000.

# MISCELLANEOUS BULBS AND ROOTS

## BEGONIAS

### Tuberous Rooted

*Culture*— A popular method of culture adopted by the most amateurs is to provide a pan or box and cover bottom surface to the depth of say one inch or two with sphagnum moss, placing the bulb immediately on top and then covering with still another layer of sphagnum moss. They should be kept moist and moderately warm.

### DOUBLE-FLOWERING VARIETIES

<b>Crimson</b>	<b>Salmon</b>	<b>Apricot</b>	<b>White</b>	<b>Pink</b>	<b>Yellow</b>
40 cts. each,	\$4.00 per doz.,	\$30.00 per 100.			

### SINGLE-FLOWERING VARIETIES

This class of the Tuberous-rooted Begonias is largely used for beds or border-planting.

<b>White</b>	<b>Orange</b>	<b>Scarlet</b>	<b>Yellow</b>	<b>Pink</b>	<b>Crimson</b>
35 cts. each,	\$3.50 per doz.,	\$25.00 per 100.			

## CALADIUM ESCULENTUM

### Elephant's Ear

Among the most effective plants in cultivation for beds, borders or for planting out upon the lawn. They form a splendid combination with Cannas.

**Jumbo Bulbs** — 50 cts. each, \$5.00 per doz.

**Mammoth Bulbs** — 25 cts. each, \$2.50 per doz.

## CALLA ELLIOTTIANA

Flowers are very large, rich, deep golden yellow, often 4 to 5 inches across the mouth; leaves are spotted with white. 35 cts., each, 3 for \$1.00.

## CINNAMON VINE

### (Chinese Yam)

Splendid, hardy climber of rapid growth, with bright green, heart-shaped leaves and white, cinnamon scented flowers. 8 feet. 10 cts., each, \$1.00 per doz., \$8.00 per 100.

## GLOXINIAS

**Cook's Grandiflora** — We have developed a special strain of these from seed which we offer in mixture only. The tubers are first-class, selected stock. The colors range through pink, scarlet, crimson, white, dark violet, and white bordered blue. 60 cts. each, \$7.00 per doz., \$50.00 per 100.

## HYACINTHUS CANDICANS (Summer Hyacinth)

Free growing summer flowering plant; spreads 2 to 3 feet, throwing up great, tall spikes, 4 to 5 feet in height, each bearing twenty to thirty large, white, bell-shaped flowers. 15cts each, \$1.50 per doz., \$10 per 100.

## MADEIRA VINE

### (Climbing Mignotte)

A beautiful and popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery flowers of delightful fragrance. Protect with litter in this latitude. 15 cts. each, \$1.50 per doz., \$10.00 per 100; by mail, 15 cts. per doz., extra.

## MISCELLANEOUS

**Lily-of-the-Valley Pips** — Large pips of Lily-of-the-Valley for outside planting and naturalizing. Each pip will throw spike of flowers. Per doz. 70 cts.; \$5.00 per 100; \$45.00 per 1000.

**Lilly-of-the-Valley Pips** — (Cold Storage). We keep a constant supply of our famous Quality kind in cold storage and can fill orders at any time of the year. Cold storage pips require no forcing and are generally in bloom 21 days after planting. Case of 250 pips \$18.50, case of 500 pips \$35.00, case of 1000 pips, \$65.00.

Orders booked for immediate and future deliveries.

## TUBEROSES

**Excelsior Double Pearl.** Pure white, double-flowering Tuberose. First-size Bulbs, 10 cts each, \$1 per doz., \$6 per 100. Jumbo Bulbs, 15 cts each, \$1.50 per doz., \$10 per 100.



## MONTBRETIAS

The Montbretias are the brightest of summer-flowering bulbs, and should be planted extensively. Set out during April or May, about six inches apart. They should be protected during the winter with a heavy covering.

### NEW GIANT-FLOWERING VARIETIES

The following varieties of new, giant-flowering Montbretias should be grown by those desiring the best. The type is distinct from existing kinds. The flowers are held erect, sometimes measure four inches across.

**Fire King.** Glowing scarlet-red, decidedly one of the most beautiful. 15cts. each, \$2.00 per doz., \$10.00 per 100, \$90.00 per 1,000.

**George Davidson.** The stems are 3 to 4 feet high, eight-to-ten-branched, pale orange-yellow flowers 3 inches across; among the first to flower, 20 cts each, \$2 per doz., \$10 per 100, \$90 per 1,000.

**Germania.** Three to four feet high, producing very free-branching flower-spikes, very large, widely expanded flowers 2 or 3 inches across, of a rich, orange-scarlet, with red throat. 15 cts. each, \$1.25 per doz., \$7.50 per 100, \$70 per 1,000.

**King Edmund.** Strong grower. large size flowers of a rich golden yellow, with brown markings in the throat. 20 cts. each, \$2.00 per doz., \$10.00 per 100, \$90 per 1,000.

**Messidor.** The flowers are of a pale yellow color and tall grower. 25 cts. each, \$2.50 per doz., \$15 per 100.

**Westwick.** Distinct orange-red with a clear yellow eye surrounded by a circle of maroon. 15 cts. each, \$1.25 per doz., \$7.50 per 100, \$70 per 1,000.

## IRIS

### Bearded or Fleur-de-Lis

These Irises form a most delightful group of flowers, as they are about the first of the perennials to bloom,



Montbretia, Germania



Iris

and the colors range to all shades of the rainbow, blooming in May and June.

**Florentina Blue.** Tall and vigorous, deep dark blue. 25cts. each, \$2 per doz., \$15 per 100.

**Her Majesty.** S. Lovely rose pink, F. bright crimson tinged darker shade. 25cts. each, \$2 per doz., \$15 per 100.

**Khedive.** S. Beautiful soft lavender, F. white veined brown, deep lavender at tips. 30cts. each, \$2.50 per doz., \$16 per 100.

**Lohengrin.** S. and F. Uniform shade of Cattleya rose, very large. 25 cts. each \$2 per doz., \$15 per 100.

**Nibelungen.** S. Olive green, F. yellow purple and white. 25cts each, \$2 per doz., \$15 per 100.

**Pauline.** An unusually large flower; the standards and falls are a rich pale pansy-violet. This variety has a decided perfume. A recent introduction which should find a place in every garden. 35 cts each, \$3 per doz., \$20 per 100.

**Perfection.** S. Light blue, F. darker velvety violet and black, orange beard, very conspicuous. 25cts each, \$2 per doz. \$15 per 100.

**Trautlieb.** S. Pinkish, F. darker color, handsome flower. 35 cts each, \$3 per doz., \$20 per 100.

**Velveteen.** S. Yellow buff, F. intense plum white. 30 cts each, \$2.50 per doz., \$16 per 100.

**Wyomissing.** S. Creamy white, suffused soft rose F. deep rose base, shading to flesh colored border. 25 cts each, \$2 per doz., \$15 per 100.

## JAPANESE IRIS (Iris Kaempferi)

The Japanese Irises are very stately in appearance, with a great array of gorgeous colors.

**Azure.** Double, Immense flower exquisitely wavy mauve-blue with darker halo surrounding the yellow blotch at base of petals.

**Kamata.** Single. New single sky-blue, veined white, very distinct.

**Mount Hood.** Double. Light blue shaded darker, bright orange center.

**Pink Progress.** Single. Ash gray lavender; clear blue halo overlaid with a silver sheen.

**Shadow.** Single. Self color, reddish purple.

60 cts. each, \$6.00 per doz. per each variety.

## PEONIES

Our list of Peonies is not very extensive, but we have endeavored to select the better medium-priced varieties that will cover a good range of colors to offer to our customers. Divisions of 2 to 3 eyes.

**Dutchess de Nemours.** Pure white crown, sulphur white collar, no crimson flecks.

**Felix Crousse.** Large, globular, typical bomb; brilliant red. Strong, vigorous grower; medium height; free bloomer. One of the best reds. 75cts. each, \$7.50 per doz.

**Festiva Maxima.** Very large globular rose type. Pure white center, prominently flecked crimson; outer petals sometimes faint lilac. 75 cts. each, \$7.50 per doz.

**Lady Bramwell.** Soft silvery pink. 75cts. each, \$7.50 per doz.

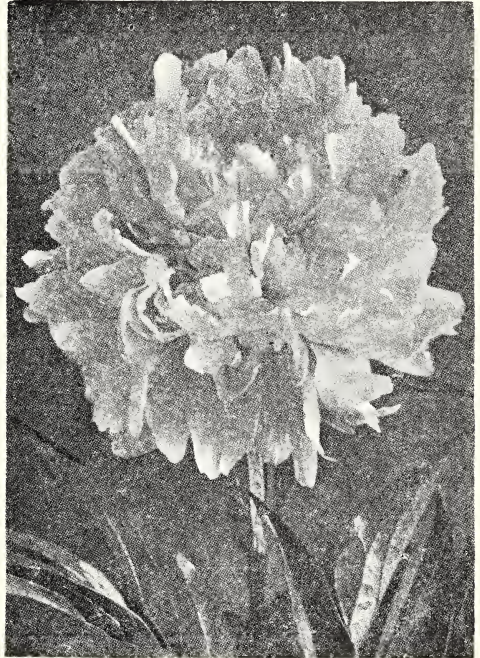
**Livingstone.** Very large compact perfect rose type. Pale lilac-rose, with silver tips, central petals flecked carmine. 75 cts. each, \$7.50 per doz.

**Mme. Crousse.** Medium size, globular crown, pure white, center flecked crimson. Strong, medium height, free bloomer. Midseason. 75cts. each, \$7.50 per doz.

**Mons. Jules Elie.** Color an ideal glossy lilac-pink, shading to deeper rose at the base of the entire flower, overlaid with a sheen of silvery rose. \$1.50 each, \$15.00 per doz.

**Queen Victoria.** Large full, compact bloom, with collar of flesh-white, fading to white, center petals flaked red. Very strong grower, medium height, very free bloomer. 75 cts. each, \$7.50 per doz.

**Rosa Superba.** Brilliant deep cerise-pink blooms; compact and perfectly formed. Healthy growth. Long stems. Midseason. 60 cts. each, \$6.00 per doz.



Peony

## HEDGE PLANTS

Privet, 18 to 24 in. Extra. \$8.00 per 100.  
 Berberis Thunbergi, 12 to 18. \$18.00 per 100.  
 Berberis Thunbergi, Extra 18 to 24. \$30.00 per 100.

## HARDY CLIMBERS

Ampelopsis Veitchii. 2 Year. \$0.50 each.  
 Clematis Jackmanni. 2 Year. \$1.00 each.  
 Clematis Panniculata. 2 Year. \$0.45 each.  
 Bignonia Radicans. 2 Year. \$0.50 each.  
 Aristolochia Siphon (Dutchmans Pipe) 2 Year. \$1.00 each.

## HARDY ORNAMENTAL SHRUBS AND TREES

We are in position to quote you on all kinds of Nursery Stock Flowering and Foliage Shrubs, Evergreens and Shade Trees. List mailed on request.



## HARDY ROSES

The more important classes are the Hybrid Tea, Tea, Hybrid Remontant or Perpetual, Dwarf Polyantha, Climbing Polyantha, and Hybrid Wichuraiana Roses.

The Hybrid Tea class is, without question, the most desirable from which to select garden Roses, their free and continuous-blooming tendencies making it easily possible, with a careful selection of varieties, to cut flowers from early June until frost.

Tea Roses, with a few exceptions, are of a more delicate nature, and while they are also extremely free-flowering, they are not seen at their very best until the cool autumn evenings. They require a little more care in protecting for the winter.

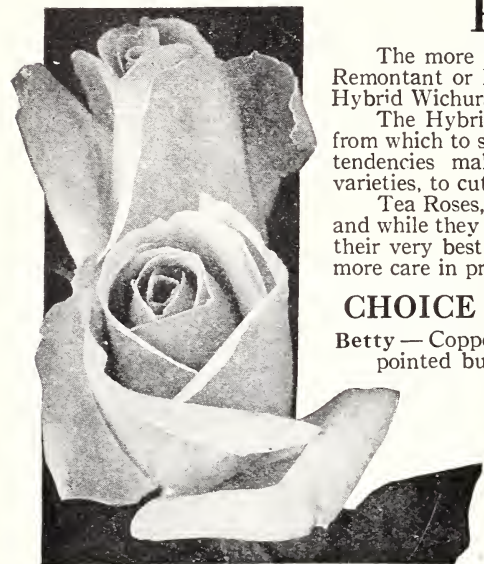
### CHOICE EVERBLOOMING HYBRID TEAS

**Betty** — Coppery yellow, overspread with golden rose; long, pointed buds.

**Columbia** — Color is a glowing pink, and unlike most pink flowers, when it is fully developed, it is more vivid in color than in the bud state.

**BEAUTE DE LYON** — Coral red in color, shaded with yellow; most striking variety. This is one of the Pernetiana type, that is very popular in many sections of the country.

**Caroline Testout** — Salmon pink, large and very free; one of the very finest Roses ever produced.



**Duchess of Wellington** — Intense saffron yellow, stained crimson, long, pointed flowers, of wonderful fragrance and very productive.

**Frau Karl Druschki** — Pure snow white, long pointed buds, large, full flowers.

**J. K. L. Mock** — Inside of petals deep cherry red with outer petals silvery pink; very large flowers borne on long, stiff stems. Has been a favorite of Rose lovers for many years, as it is so hardy and satisfactory in every way.

**Gruss an Teplitz** — Bright scarlet-crimson with vivid, fiery red center; quite hardy and extremely free-flowering. This variety is essentially a garden Rose.

**Lady Alice Stanley** — Deep coral-rose on outside of petals, inside pale flesh, slightly flushed deeper.

**Lady Hillingdon** — Deep golden yellow in color, the finest and most highly colored of all the yellows.

**Hoosier Beauty** — Deep, glowing crimson with darker shadings; large, beautifully formed flowers carried on vigorous, branching stems.

**Killarney** — Color bright sparkling pink, shading to white; long pointed bud opening into a large, well-formed flower; very fragrant, hardy and extremely free-flowering.

**Magna Charta** — Bright pink suffused with carmine; vigorous in growth and very hardy. A beautiful and well-known variety.

**Los Angeles** — Growth, very vigorous, flowers luminous flame-pink toned with coral, with lighter shadings at the base; buds are long and pointed and expanding to a flower of mammoth proportions; very fine form. Vigorous foliage. \$1.50 each, \$15.00 per dozen.

**Golden Ophelia** — This new rose has established a splendid reputation in England, and should prove an acquisition here. In color it is a bright yellow, shading to pale yellow at the edge of the petal. The flower is fragrant, not very double and very pretty when cut in the bud.

**Mrs. Aaron Ward** — Deep Indian-yellow at the center of the flower, shading to primrose-yellow toward the edges of the petals, the whole occasionally washed soft salmon-pink as the flower expands. The color is somewhat variable-with changing weather conditions but always beautiful.

### Choice Everblooming Hybrid Teas

**Mme. Edouard Herriot** — The Daily Mail Rose. A free-branching, new variety, producing its flowers in great profusion. In the bud form the color is a beautiful coral-red shaded with yellow, opening to a deep terra-cotta. Beautiful and unique flower. Price \$1.50 each, \$15.00 per dozen.

**Mme. Caroline Testout** — Satiny rose, with bright center; large, full, globular flower; very free and fragrant.

**Richmond** — Scarlet-crimson in color; an excellent forcing and graden variety; very fragrant and free-flowering. It is particularly good in early summer.

**Ophelia** — Salmon-pink, shaded with rose; large, well formed flowers, carried on long, rigid stems and produce continually. One of the best Roses for any purpose sent out in recent years.

All of above listed Roses except where otherwise listed 75 cts. each, \$7.50 per dozen.

## CLIMBING ROSES, DIFFERENT VARIETIES

Red, White, Pink, Yellow, 75 cts. each. \$7.50 per dozen.

## FERTILIZERS

All prices subject to market changes

**Bone Dust** for general use. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$4.50, ton \$75.00.

**Bone Dust** for quick action. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.25, 50 lbs. \$2.00., 100 lbs. \$4.50, ton \$75.00.

**Charcoal.** 50 lbs. \$2.00, 100 lbs. \$3.50, 1,000 lbs. \$32.50, 2,000 lbs. \$65.00.

**Ashes, Canada Hardwood.** Bags of about 75 lbs. \$2.00, ton, in bags, \$50.00.

**Blood** (dried), 10 lbs. \$1.25, 50 lbs. \$4.50.

**Cow or Cattle Manure.** Shredded, in 100-lb. sacks only, \$3.00, 500 lbs. \$12.50, 1,000 lbs. \$23.00, ton \$45.00.

**Clays Fertilizer** (Imported) 56 lbs. \$8.50, 112 lbs. \$16.00.

**Lime, Agricultural Hydrated.** In tons only. ton \$22.00, in lots of three tons or over, \$18.00, per ton, carload lots, \$14.00 per ton, f. o. b. Cleveland.

**Soil's Humus,** \$2.50 100 lbs.

**Nitrate of Soda.** 5-lb. pkg. 40 cts., 10-lb. pkg. 80cts, 25-lb. bag \$2.00, 50-lb. bag \$3.50 100-lb. bag \$5.00.

**Salt.** 25 lbs. 50 cts., 50 lbs. 90 cts., 100 lbs. \$1.75, 200 lbs. \$3.25, ton \$25.00.

**Scotch Soot.** 10 lbs. 75 cts., 50 lbs. \$3.25, 100 lbs. \$6.00.

**Sheep Manure, Pulverized.** 100-lb. bag \$3.00, 500 lbs. \$14.00, ton \$50.00, in pkgs. of 5 lbs. 40 cts., 10 lbs. 75 cts.

**Thompson's Chrysanthemum Manure.** 7-lb. bag \$1.50, 14-lb. bag \$2.75, 28-lb. bag \$4.50, 56-lb. bag \$8.00.

**Thompson's Special Flower, Vegetable and Vine Manure.** 28-lb. bag \$2.75, 56-lb. bag \$4.50, 112-lb. bag \$8.00.

**Cocoonat Fibre, Peat and Moss.**

**Leaf-mold.** Bbl. \$3.50.

**Moss, Live Green Sphagnum.** Bbl. \$5.50.

**Moss, Dry Sphagnum.** Large bale \$3.00.

**Peat (Osmundi).** Bbl. \$7.00.

**Peat, Rotted, Fibrous.** Bbl. \$7.00

## VIGORO

VIGORO is the result of many years of careful study, scientific research and actual growing tests. All of this work was necessary to perfect a plantfood that would furnish to the plant the right amount and kind of food at the proper time. Not only has this been accomplished, but a plantfood has been developed with no unpleasant odor and one that can be conveniently applied by the user.

VIGORO is manufactured from specially selected materials, each of which was carefully tested to make sure it would give the very best results. It is formulated and scientifically processed, and furnishes plantfood in such a way as to insure proper growth, beauty and production of all plants.

You will find VIGORO a product with no unpleasant odor—one that is convenient to apply. It is packed in heavy cotton bags inside of which is a heavy paper liner. The bags are in convenient sizes of 25, 50 and 100 pounds. In each bag you will find Home Beautiful booklet, giving full instructions covering the application of VIGORO, as well as valuable information concerning the making and care of the lawn, the home garden, shrubbery and flowers, etc.. 25 lbs. \$1.75; 50 lbs. \$3.00; 100 lbs. \$5.00.



## COOK'S RECLEANED BIRD SEEDS

Our bird seeds are of the highest quality, fresh and recleaned.

**Canary.** Plain Sicily 20c. per lb. **Canary, Mixed,** 20c. per lb., **Hemp Seed,** 20c. per lb. **Millet Seed (Improved),** 20c. per lb., **Rape Seed,** 20c. per lb., **Cuttle Fish Bone,** 5c. each; ¼ lb. 20c.; 60c. per lb.

**Lettuce Seed.** 5c. per oz.; ¼ lb., 10c.; 30c. per lb.

**Sand for Bird Cages.** Fine, red or silver, 10c. per pkg.; doz. pkgs, \$1.00. Silver (coarse), 10c. per pkg.; doz. pkgs., \$1.00.

**Sunflower Seed.** Recleaned 20c. per lb.

ALL PRICES SUBJECT TO MARKET CHANGES





## INSECT AND FUNGUS REMEDIES for Spraying, Dusting and Fumigating

(Prices subject to change)

**Aphine.** Pt. 65 cts., qt. \$1.00, gal. \$3.00.

**Arsenate of Lead, Powdered.** Lb. 60 cts.,  
5 lbs. \$2.75, 10 lbs. \$5.25, 25 lbs. \$12.50,  
50 lbs. \$23.00, 100 lbs. \$45.00.

**Bordeaux Mixture.** Lb. 50c., 3 lbs. \$1.52,  
5 lbs. \$2.25, 10 lbs. \$4.00.

**Black Leaf.** ½ lb. \$1.00, 2 lbs. \$3.25, 10 lbs. \$13.75.

**Bug Death.** Lb. 20 cts., 3 lbs. 45 cts., 5 lbs. 60 cts., 12½ lbs. \$1.25  
100 lbs. \$9.25.



**Fish-Oil Soap.** For mild forms of scale, and  
is an excellent summer spray. Dissolves in  
water according to various purposes. Lb.  
25 cts., 5 lbs. \$1.10, 10 lbs. \$2.00, 25 lbs. \$4.00,  
100 lbs. \$15.00.

**Fungine.** ½ pt. 40 cts., pt. 65 cts., qt. \$1.00,  
gal. \$3.50.

**Grape Dust.** 5 lbs. 90 cts., 10 lbs. \$1.75, 25  
lbs. \$4.00.

**Lime-Sulphur Solution.** Lb. 40 cts., 5 lbs.  
\$1.75., 10 lbs. \$2.75, 25lbs. \$5.00

**Lemon Oil.** ½ pt. 40 cts., pt. 60 cts., qt. \$1.00,  
½ gal. \$1.75, gal. \$3.00.

**Nicotine Fumigator (Powder) (12½%)** \$1.00  
per 1 lb., \$4.00 per 5 lbs., \$7.50 per 10 lbs.

**Nicotine Sulphate (40%).** Per ½ lb. \$1.25,  
\$3.50 per 2 lbs., 10 lbs. \$13.50.

**Nico Fume.** Liquid. ¼ lb. 65 cts., lb. \$2.00,  
4 lbs. \$7.00, 8 lbs. \$13.00.

**Nico-Fume.** Paper box of 24 sheets \$1.25, box  
of 144 sheets \$5.25, box of 288 sheets \$10.00.

**Pyrox (Bowker's).** Lb. 45 cts., 5 lbs. \$1.75, 10  
lbs. \$3.25, 25 lbs. \$6.00, 100 lbs. \$22.00.

**Scalecide.** Qt. 55 cts., gal. \$1.35, 5 gals. \$5.75, 10 gals.  
\$9.85, 30 gals. bbl. \$22.00, 50 gals. bbl. \$33.00.

**Slug Shot.** Lb. 20 cts., 5 lbs. 65 cts., 10 lbs. \$1.10,  
100 lbs. \$9.00.

**Steptic.** Bottle \$1.50.

**Sulphur.** Lb. 15 cts., 5 lbs. 60  
cts., 10 lbs. \$1.00, 100 lbs. \$8.00.

**Tobacco Dust (Kiln Dried).** Lb.  
15 cts., 5 lbs. 50 cts., 25 lbs.  
\$1.25, 50lbs. \$2.25, 100lbs. \$4.25.

**Tobacco Stems.** Bale of 100 lbs.  
\$2.50.

**Thrip Juice.** \$4.50 per gal.

**Wilson's O. K. Plant Spray.** A  
powerful yet harmless and effi-  
cient insecticide, for aphid, red  
spider, mildew, scale, etc., for in-  
side and outside spraying. Per ½  
pt., 50c.; \$1.00 per qt.; gal. \$3.00;  
5 gals., \$10.00

**X-L-All Liquid Insecticide.** Im-  
ported. ½ gal. \$6.00, gal. \$11.00.



## Sound Fruit

## Brings Big Prices

But you cannot have sound, healthy  
fruit without the use of proper spray  
materials.

## SHERWIN-WILLIAMS DRY LIME-SULFUR

Standard Lime-Sulfur Solution  
in Dry Powdered Form

Will insure you large fancy fruit  
that brings good prices. Use it as a  
dormant spray against the scale and  
combine it with your Arsenate of  
Lead for summer spraying.

Come in and let us tell you more  
about Dry Lime-Sulfur and let us  
quote you prices.

## Scientific Preparations Endorsed By Leading Rosarians and By Us

### Aphistrogen

APHICIDE FERTILIZER  
TRADE MARK

2 oz. (sample bottle)...\$0.50  
 ½ lb. (½ pt.)..... 1.25  
 1 lb. (pint)..... 2.25

2 lbs. (quart)..... \$ 3.50  
 12 lbs. (1 ½ gals.)... 15.00

Destroys Aphis and all Plant-Lice. Feeds the plant through the foliage. Splendid for house plants.

### Fungtrogen

FUNGICIDE FERTILIZER  
REG. U.S. PAT. OFF.

½ pt. ....\$0.75  
 Pt. .... 1.25  
 Qt. .... 2.00

½ gal. ....\$3.50  
 Gal. .... 6.00

Conquers Mildew and Black-Spot on roses, and diseases of other plants. Assures luxuriant foliage and bloom.

### Insectrogen

TRIPLE SERVICE  
FUNGICIDE - INSECTICIDE - FERTILIZER  
TRADE MARK

many blights. Also fertilizes the plant through the foliage. Use alternately as a companion spray with Fungtrogen. Both carry their own spreader. Only water is required.

4 oz. ....\$0.60  
 ½ pt. .... 1.00  
 Pint. .... 1.75

Quart .....\$2.75  
 ½ gallon..... 4.50  
 1 gallon..... 8.00

A remarkably effective insecticide that rids your roses and plants of leaf-chewing insects, including caterpillars, slug worms, Japanese beetle, etc., and

All these sprays are highly concentrated, making 60 times their volume when diluted with water.

### Tero-gen

GROUND DRESSING  
FUNGICIDE INSECTICIDE FERTILIZER  
TRADE MARK

sects, such as rose-pith, borer, rose bugs, Japanese beetle, aphids, and ants. A valuable fertilizer.

1-lb. tins .....\$0.75  
 2-lb. tins ..... 1.25  
 5-lb. tins ..... 2.75

10-lb. tins.....\$ 4.75  
 25-lb. tins..... 11.00  
 100-lb. kegs..... 40.00

Autumn-Winter Ground Dressing and Soil Disinfectant. Destroys the spores of fungi of most diseases. Kills the larvae of in-

NOTE—A 10-lb. tin of Fero-gen or Tero-gen is sufficient for one application for 30 to 50 rose bushes.

VOLCK is one of the most powerful insecticides known. It is effective on practically all insects on ornamental and flowering plants. Wonderful results have been obtained against red spiders, cyclamen mite, aphid (green fly), scale, mealy bug, thrips, and caterpillars. Even mildews and rusts are prevented and stopped by VOLCK. Not only does VOLCK give effective control of pests, but it also prevents reinfestation for a considerable period. VOLCK is odorless, colorless and non-poisonous. There is no unsightly residue. Plants are deep, glistening green after using VOLCK.



#### Volck is Packed in Convenient Sizes

½ Pt. Cans.....	\$0.50
1 Pt. Cans.....	.75
1 Qt. Cans.....	1.00
1 Gal. Cans.....	3.00
5 Gal. Cans.....	12.00
14 Gal. Drums.....	25.00
28 Gal. Drums.....	40.00

## Scale and Other Insects Controlled By

### SUNOCO SPRAY OIL

#### SCALE INSECTS

San Jose, Oyster-Shell, Scurvy, Tulip and Magnolia, Gloomy Cottony Maple, Maple Leaf Wooly, Terrapin, Pine Leaf, Spruce Gall, Spruce Bud, Rose and Elm Scale. Red Spider on Evergreens, Lace-Wing Bugs, Pine Bark, Aphid and others. Descriptive Circular on request.

Gallon, \$1.25; 5 Gallons, \$5.00; 15 Gallons, \$10.50; 30 Gallons, \$18.00; 50 Gallons, \$25.00.



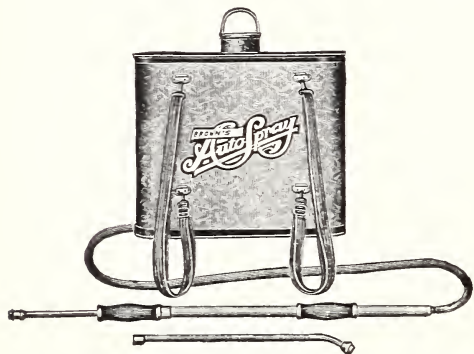


# Sprayers for Applying Insecticides and Fungicides

(Prices subject to market changes)

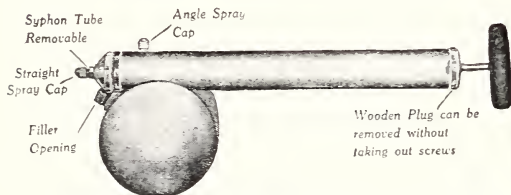
## Double-Acting Pump Sprayer and Knapsack Tank

The Same Spray with Half the Labor



**Pump**—This pump is the ideal all-purpose sprayer. Its field is practically unlimited, as it may be used for spraying trees, vines, garden truck, potatoes, and any field crops. Made entirely of brass, doing away with all danger of corrosion. This pump is double-acting, which gives a continuous spray, a distinct advantage over single-acting Pumps in that *the pump works on both the up and the down stroke*. The Pump cylinder is small in diameter, and in a test a pressure of 180 pounds to the square inch was raised with very little labor.

## Vaporizing Sprayer



A marvelous insect exterminator; throws a spray as fine as mist and is therefore more effective than any other Spray Pump, and loses only about one-tenth the liquid. Shipping weight, 3 lbs. No. 1, all tin, 75 cts. No. 2, galvanized reservoir. \$1.00; No. 3, all brass, \$2.00.

## Utility No. 165



Galvanized, continuous spray. Price 90 cts.

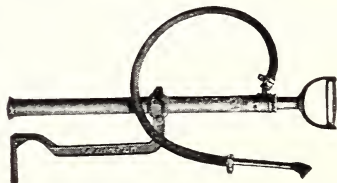
*It's Double Acting*



*The Same Spray With Half The Labor*

The Double-action make an even spray and cover where others fail. Is a labor and material saver.

## Utility Bucket Spray Pump



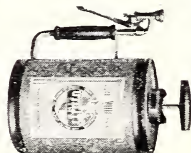
Utility Spray Pump is a saving in the cost of small hand Sprayers. It is a quality Sprayer. This Pump is made of heavy seamless brass tubing, with a large brass air chamber; it has brass ball valves; is double-acting and will produce a continuous spray or stream. A bordeaux nozzle with 3 feet of  $\frac{1}{4}$ -inch spray hose is furnished. The nozzle can be regulated to throw a very fine, medium, or coarse spray. We recommend this Sprayer as the best cheap hand Sprayer for applying whitewash, cold-water paint and disinfectants. When ordering Sprayer to be sent by parcel post, allow for 10 lbs., the packed weight of Sprayer. \$5.00.

## Utility Spray



Convenient, durable, efficient. Our patented leader of spray apparatus for small uses. Will do better work and do it more easily than any other similar article. Useful with bordeaux and all solutions, also in applying cold-water paint or white-wash. Holds four gallons. Patent nozzle. Price, galvanized reservoir, \$7.00; brass \$9.50.

## Utility No. 185



Price, \$5.00

# MISCELLANEOUS SUPPLIES

(All prices subject to market changes)

## FLOWER BOXES

<b>Cardboard, Flower.</b> Green; lock corners.			
1	18 in.	5 in.	3 in. .... \$ 8.00
2	21 in.	7 in.	3½ in. .... 11.00
3	24 in.	8 in.	4 in. .... 12.50
4	28 in.	8 in.	5 in. .... 15.00
5	36 in.	8 in.	5 in. .... 18.00
<b>Violet —</b>			
5	11 in.	5½ in.	8 in. .... 14.00
10	9 in.	3 in.	6 in. .... 11.00

## FLOWER POTS, PANS, ETC.

### Earthenware

		100	1000
<b>Flower Pots.</b>	2½-inch.	\$ 2.00	\$15.00
3-inch.		2.50	20.00
4-inch.		3.50	30.00
5-inch.		5.50	59.00
6-inch.		7.50	72.00
7-inch.		13.00	120.00
8-inch.		18.00	
9-inch.		30.00	
10-inch.		40.00	
12-inch.		75.00	

		Doz.	100
<b>Flower Pot Saucers.</b>	4-inch.	\$ 0.60	\$ 3.00
5-inch.		.70	3.50
6-inch.		.85	5.00
7-inch.		.95	6.50
8-inch.		1.00	8.50
9-inch.		1.50	11.50
10-inch.		1.90	14.00
12-inch.		2.90	22.00

<b>Bulb Pans.</b> (Round).			
6 x 4½ in. deep.		1.25	9.00
8 x 4½ in. deep.		2.65	20.00
10 x 4½ in. deep.		5.40	43.00
12 x 4½ in. deep.		10.50	85.00

<b>Azalea Pots:</b>			
		Doz.	100
6 in. wide x 4½ in. deep.		\$ 1.35	\$ 9.00
7 in. wide x 5¼ in. deep.		2.00	15.00
8 in. wide x 6 in. deep.		2.60	20.00
10 in. wide x 8 in. deep.		5.00	40.00

### Fibreware Waterproof

		Doz.	
5	5-inch.	\$ 6.00	
6	6-inch.	6.50	
7	7-inch.	7.00	
8	8-inch.	7.25	
10	10-inch.	8.00	
12	12-inch.	9.00	
14	14-inch.	11.00	
16	16-inch.	18.00	
18	18-inch.	21.00	

<b>Fibre Vases</b>	Depth	Diam.	Doz.
No. 0.	13 in.	8 in.	\$25.00
No. 1.	10 in.	5½ in.	20.00
No. 2.	9 in.	4½ in.	17.00
No. 3.	6 in.	4 in.	13.25
No. 00.	22 in.	9 in.	85.00
No. 01.	20 in.	7 in.	46.00
No. 11.	18 in.	5½ in.	26.00
No. 22.	15 in.	4½ in.	21.00

## FLOWER BOXES, (continued)

**Corrugated Cardboard.** Very heavy and durable; extensively used by florists for shipping cut-flowers.

A.	20 in.	7 in.	4 in. ....	\$ 2.50	\$16.00
B.	20 in.	8 in.	5 in. ....	3.50	20.00
C.	30 in.	12 in.	6 in. ....	5.00	32.00
D.	36 in.	14 in.	8 in. ....	6.00	36.00
E.	48 in.	14 in.	8 in. ....	7.00	45.00
F.	36 in.	12 in.	6 in. ....	5.50	40.00

## Paper Flower Pots

### NEPONSET

<b>Waterproof Paper Pots:</b>	100	1000
3 -inch.	\$ .75	\$ 6.00
3½-inch.	.95	8.50
4 -inch.	1.25	10.50
5 -inch.	2.00	17.50
6 -inch.	2.50	23.00

## BASKETS

**Wire Hanging.** With flat bottom, 5-inch diameter. 30 cts., each, \$3.00 per doz., 7-inch diameter, 35 cts. each, \$3.50 per doz., 9-inch diameter, 40 cts. each, \$4.00 per doz.

## CANES

		100	1000
<b>Bamboo.</b> Green, 3 ft.		\$ 1.25	\$ 9.50
<b>Bamboo.</b> Green, 4 ft.		1.50	12.50
<b>Bamboo.</b> Green, 5 ft.		2.00	16.00
<b>Bamboo.</b> Natural, 6 to 8 ft.		3.00	27.00

## DIBBLES OR DIBBERS

Just the tool for planting bulbs where ground is in good condition.

**Brass Point and Wood Handle.** The best Dibble. Polishes quickly; does not rust. 70 cts. each, \$8.00 per doz.

**Steel Point and Wood Handle.** Regular size, 9¾ in., 50 cts. each, \$5.50 per doz., small size, 8 in., 40 cts. each, \$4.50 per doz.

## FORKS

**Hay.** Finest quality steel; oval-shaped tines, solid steel shank, patent ferrule, long and strapped. 2-tine, 75 cts., each, 3-tine, 85 cts. each, 4-tine, \$1.00 each.

**Manure.** Long or short handle. 4-tine, D handle, best material, \$1.25, 5-tine, D handle, best material, \$1.75. Long-handle Manure Forks may be had at same prices.

**Spading.** 4-tine, D handle, best material, \$1.50, 5-tine, D handle, best material, \$1.75. Long-handle Spading Forks may be had at same prices

## GREENHOUSE BARROWS

**Greenhouse.** Build especially for narrow walk in greenhouse; also excellent for poultry-houses, \$6.50



## GLAZING MATERIALS

**Permanite Cement.** For waterproofing greenhouse gutters, roofs, etc., also for making shaft bars water-tight. Per gal. \$2.25, 5 gals. \$10.50.

**Mastica, for Glazing Greenhouses.** The use of Mastica avoids the necessity of repeatedly reglazing the houses, saving much time and expense. With Mastica one can bed in or use outside with a machine. \$2.00 per gal., \$9.00 for 5 gals.

**Mastica Machine.** \$1.75 each.

**Glazing Putty, Twemlow's Old English.** Will not crack or peel. One gallon glazes 300 lineal feet. Qt. 55 cts., gal. \$1.75.

**Putty Bulb, Scollay's.** A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. \$1.00.

**Glazing Points, Van Reyper's.** No rights or lefts. No. 2, large for single thick glass. No. 2½, double thick, for greenhouses and skylights. Box of 1,000 75 cts. each, 5,000 for \$3.50. Pinchers or pliers for same, 50 cts.

## HOSE, RUBBER

**Rubber.** In 25-and 50-foot lengths. ¾-inch 4-ply, at 25 cts. per foot. Extra-fine and light for greenhouse use, ⅝-inch, 4-ply at 25 cts. per foot.

## HOSE, MENDERS

**Cooper's Brass.** ½-and ¾-inch, 9 cts. each, 95 cts. per doz., 1-inch, 10 cts. each, \$1.00 per doz.

**Perfect Clincher.** ½-inch or ¾-inch, 12 cts. each, \$1.20 per doz.

## HOTBED REQUIREMENTS

**Palmer's Hotbed Mats.** Wood filled. Size 76 x 76 inches.

No. 1D. Made of burlap, stitched through, hemmed with canvas and thickly padded. \$4.50 each, \$50.00 doz.

**Hotbed Sashes.** Painted and glazed with double-thick glass, 8 x 10 inches, in four rows. Frame 1¾ inches, 3 x 6 feet. \$5.50 each, frame, 1½ inches, 3 x 6 feet, \$4.50 each.

## LAWN SWEEPER

**Pennsylvania**

24-inch.....\$25.00  
36-inch.....35.00

## POT OR GARDEN LABLES

	100	1000
<b>Wooden.</b> Painted, 4½-inch...	\$ .40	\$ 2 75
5-inch.....	.45	3.00
6-inch.....	.55	3.50
8-inch.....	1.60	9.00
10-inch.....	1.75	11.00
12-inch.....	2.25	14.00

## MOWERS

**Boulevard**

14-inch.....	\$14 50
16-inch.....	16 50
18-inch.....	18 50
20-inch.....	20 50

**Heather. (5 Blades)**

14-inch.....	17.00
16-inch.....	18 50
18-inch.....	20 00
20-inch.....	22 00

**Pennsylvania High Wheel. (4 Blades) —**

15-inch.....	27.00
17-inch.....	30.00
19-inch.....	33 00
21-inch.....	36.00

Prices Subject to Change.

## PAPER

**Wax.** 24 x 36 in. Ream.....\$ 5.50  
18 x 24 in. Ream.....4.00

**Tissue.** 24 x 36 in. Ream.....3.50

**Manila.** 24 x 36 in. Ream.....3.50  
Wrapping 40 x 48 in. Lb....15

## RAFFIA

**Natural** Lb. 50 cts., 5 lbs. \$2.00, 10 lbs. \$3.50.

## SHEARS

**Branches or Lopping.** For cutting large branches, long stout handles. Saynor's, three sizes, \$3.50, \$4.00 and \$4.50 each.

**Hedge Notched.** English blade. 8-inch \$2.50, 9-inch \$3.00, 10-inch \$3.25.

**New French Pruning.** This is the best pruner ever offered. Price, 6¼-inch \$2.00, 7-inch \$2.25, 8½-inch \$2.50, 9½-inch \$3.00, 10¼-inch \$3.25. By mail, 5 cts. each extra. Extra springs, 40 cts. each.

## SIEVES

**Wire.** For sifting loam, gravel, etc. Any size mesh. 18 inches diameter, \$2.50.

## SHOVELS

**Ames'.** D handle, square or round point. \$1.30 each; long handle, square or round point, \$1.50 each.

## SILKALINE

**Green Thread.** Largely used for tying in bouquet work. Fine, medium or coarse. Spools 50 cts. each, box of eight spools, \$3.50.

## SPRINKLERS

**Scollay's Rubber.** Made of rubber, with flat bottom and a finely perforated, detachable top. Very useful for sprinkling and all purposes where a fine spray is required. Two sizes, \$1.10 and \$1.35 each; by mail 5 cts. each extra.

# GARDEN PESTS AND REMEDIES

See Pages 67 and 68 for Sprayers and Insecticides

**Cabbage Worm**—These green caterpillars hatch from eggs laid by the common white butterfly. There are several broods produced each season. The most effective means of control is by spraying or dusting with Arsenate of Lead, Calcium Arsenate, Kerosene Emulsion, Pyrox, Hellebore, Hammond's Slug Shot.

**Tussock Moth**—A handsome redheaded yellow and black tufted caterpillar, about one inch long, which devours the foliage of both shade and fruit trees, sometimes eating into fruit. To control this pest, the cotton-like egg masses should be collected in both fall and winter, and trees banded with **Tree Tanglefoot**. Spray often with Arsenate of Lead, taking care to cover under side of foliage thoroughly.

**Cucumber Beetle**—These striped black and yellow beetles appear in great numbers and attack the young plants as soon as up. Protect the vines with screens until they begin to run. Spray or dust Bordeaux Mixture, Arsenate of Lead, Hammond's Slug Shot, Tobacco Dust, Pyrox, covering underside of foliage.

**Potato Beetle**—These striped yellow and black beetles appear in numbers in early spring and on young plants are up. They commence depositing eggs on the underside of leaves, meanwhile feeding upon the tender foliage. In about one week these hatch a horde of hungry larvae who destroy the foliage rapidly, attaining full size in from 2½ to 3 weeks. Remedies: Spraying or dusting with Calcium Arsenate, Arsenate of Lead, Pyrox, Paris Green.

**Tomato Worm**—The moths appear in May or June and deposit the eggs singly upon the lower surface of the leaves from which the caterpillars hatch in 4 to 8 days. As they feed voraciously they become full grown in 3 weeks' time. There are sometimes two broods in a season. The most successful remedies are Pyrox, Calcium Arsenate, Arsenate of Lead.

**Aphides**—Plant Lice, Green Fly, Bark Lice, etc., are minute insects feeding upon the sap in the tender parts of plants, both indoor and out. Can be successfully destroyed by the use of the following contact remedies: Black Leaf, 40 Nikoteen, Aphine, Kerosene Emulsion, Lemon Oil, Nicofume, Tobacco Soap. Contact remedies are effective only when the poison touches the insect. Be sure to cover the under side of the leaves.

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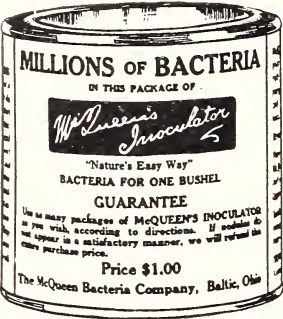
## CYANO GAS (REG U S PAT OFF) Fumigating Greenhouses with CALCIUM CYANIDE Cyanogas Calcium Cyanide

Calcium Cyanide when exposed to the air gives off hydrocyanic acid gas for several hours. Because of this property it is now possible for a grower to maintain a very low concentration of hydrocyanic acid gas in his greenhouse during an overnight fumigation.

Such a fumigation, as shown by extensive experiments, is safe, whereas the old practice of a short fumigation with a high concentration is likely to cause injury to the plants.

The old method of using sodium or potassium cyanide with sulphuric acid makes it impossible to conduct a long fumigation, since by this latter method the gas is violently liberated in a very short period of time and in concentrated form. Under such conditions pockets of highly concentrated gas frequently caused severe injury. With Calcium Cyanide the hydrocyanic acid gas is gradually liberated and a high gas concentration is avoided. Full directions with each can. 1 lb. 60cts; 5 lb. \$2.50.





McQueen's Inoculator has a marvelous record—because it is field bred and farm grown, making it virile, kicking and ready to go. It makes poor land good—good land rich. It is "Nature's Easy Way" of enriching the soil and making greater crops—not only of legumes but of the following crops. McQueen's Inoculator is the only nitrogen-fixing bacteria that is backed up by so strong a guarantee. This is for your protection. You are the judge of results.

GUARANTEE

Use as many packages of McQueen's Inoculator as you wish, according to directions. If nodules do not appear in a satisfactory manner, we will refund the entire purchase price.

ATTRACTIVE PRICES

FOR SOY BEANS, COW PEAS, VETCH AND OTHER PEAS AND BEANS

1 Bu. Size Inoculates	60 lbs. seed.....	\$0.50
2 Bu. Size Inoculates	120 lbs. seed.....	1.00
3-2 Bu. Size Inoculates	360 lbs. seed.....	2.50
6-2 Bu. Size Inoculates	720 lbs. seed.....	5.00
10-2 Bu. Size Inoculates	1200 lbs. seed.....	7.50

FOR CLOVERS AND ALFALFA

1/2 Bu. Size Inoculates	30 lbs. seed.....	\$0.50
1 Bu. Size Inoculates	60 lbs. seed.....	1.00
6-1 Bu. Size Inoculates	360 lbs. seed.....	5.00
10-1 Bu. Size Inoculates	600 lbs. seed.....	7.50
Garden size, peas, sweet peas, beans and lima beans		.20

POSTPAID

Always state kind of seed you wish to inoculate.

What a difference a few of these magic tablets make!

Picture a plant—struggling gallantly but vainly—in a feeble, fruitless search to find food in soil that contains none. Faded, drooping, flowerless, you call it a failure. But is it?

A few of the magic plant food tablets called Plantabbs would have made this pathetic little plant a big success!

We now sell and recommend Plantabbs. Odorless, clean, easy to use, they're Trojans for work. A forkful of stable manure won't do as much for your plants and flowers as one of these concentrated, odorless white tablets! As they dissolve in water almost instantly, they make a wonderful liquid fertilizer, and when used in this way make the most wornout soil rich and fertile overnight.

Plantabbs are so perfectly balanced, so chuck full of growth producing, health giving, energizing plant food, that many florists and professional growers purchase them in quantities for their own use.

To raise potted plants of amazing beauty, to enjoy a gorgeous garden with a profusion of brilliantly colored blooms, to raise tender succulent vegetables, use Plantabbs! Leading horticulturists and State Agricultural Departments approve them—and we guarantee to refund your money if they fail to benefit your plants when used according to the instructions which come with each package.

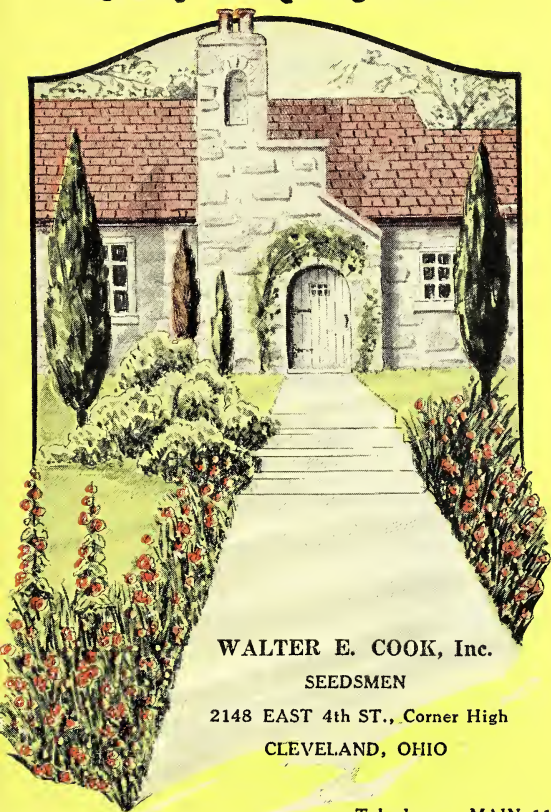
A season's supply for your garden costs only \$3.50; other sizes sufficient for potted plants, sell for \$1.00, 50c, and 25c per package. Include in your next order.

Guaranteed to improve your plants



# Soilife

*makes*  
**Better Lawns  
and Gardens**



**WALTER E. COOK, Inc.**

**SEEDSMEN**

**2148 EAST 4th ST., Corner High  
CLEVELAND, OHIO**

**Telephone: MAIN 1171**



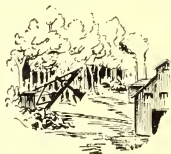
# What Soilife Is

SOILIFE is a rich humus, of unparalleled excellence, which produces the natural fertility found in the soil of virgin forests.



It is an odorless fertilizer produced by Nature from the decayed remains of plant life. For thousands of years it has been slowly forming in a vast pit underlaid with marl.

It is mined from this deep deposit and the surplus of water removed by special machinery, but before it is ready for shipment it is further refined by grinding and screening.



After being thus concentrated, SOILIFE is now equal to many times its original bulk, and is pleasant and easy to handle because of its dry and uniform state.



Unlike stable manures, SOILIFE does not contain weed seeds, has no obnoxious odors, and will not breed flies and filth.

*"Makes Better Lawns and Gardens"*

### Why You Should Use Soilife and What it Does

For thousands of years mighty forests have grown without the aid of man; trees, shrubs, flowers and grasses have come down through the ages and have flourished as if by magic — and they still do. What form of fertility has Nature used to support these old and magnificent gardens of hers? What is the secret of this rampant growth; this profusion of blooms; and the color combinations of indefinite number?

The answer is — humus — formed from the successive additions of fallen leaves, fragments of bark, dead roots and grasses and other debris of plant life. This rich carpet of fertile wealth is the vital force in Nature's soil program.

The natural productiveness of humus, as in SOILIFE, is its own recommendation and an authoritative one to be sure.

When SOILIFE is incorporated with the earth it promotes and sustains the useful forms of living organisms which are always abundant in fertile soil, and this bacterial action is of measureless value in supplying food for the growing plants.

Because it is able to absorb and hold many times its weight in moisture,



## Soilife

SOILIFE will reduce the harmful effects during dry and hot weather. By its use, hard and tenacious clay is made soft and friable, or more easily crumbled, admitting air and moisture as in soils of nice tilth and mellowness. It gives greater compactness to sandy soil, binding the loose and shifting particles and slowing the drainage of water. By giving desirable structure to soils, SOILIFE contributes to the development of good root systems, and assists in maintaining even soil temperature.

The effect of SOILIFE is lasting for it does not dissolve and drain away in solution, but is subjected to further decomposition, finally forming a part of the earth itself.

It is a well known fact that agricultural authorities and qualified growers agree in placing the highest importance on the value of humus.

It is wise to keep in mind that the soil, first of all, must be fertile since the plants to be grown are subordinate to it.

### How to Use Soilife

Wherever it is possible to do so SOILIFE should be mixed well with the soil—the more uniform the mixture the better the result.

### New Lawns

Good lawns should have good foundations since they cannot be established every year.

*"Makes Better Lawns and Gardens"*

## Soilife

After rough grading has been finished the SOILIFE should be spread at the rate of from 500 to 600 pounds to the thousand square feet, and raked enough so as to have nice mixture with the surface soil. Then proceed in the usual manner with leveling, raking, seeding, light rolling, and thorough watering with a fine spray.

### To Restore Old or "Patchy" Lawns

To get the best results mow the grass closely and rake with iron rake in two directions, (north and south, then east and west), to straighten up matted grass and long or creeping weeds; if any are present, mow down and remove. Distribute SOILIFE over the lawn at the rate of about 200 pounds to the thousand square feet, and spread evenly with the back of a rake. Loosen soil in bare places. Fill holes with mixture of about four-fifths earth to one-fifth SOILIFE, make firm and level. Roll entire lawn. Sow good grass seed where necessary and rake in very lightly. Sprinkle well with fine spray.

### For Flower and Vegetable Gardens

In new ground, before spading, scatter about 200 pounds of SOILIFE to the thousand square feet over the space to be used. When the soil has been well spaded, and is leveled and ready for final raking, spread an additional amount of SOILIFE at the same rate, and rake well into the surface. The new garden soil is now ready to be worked. For old gardens use 200 to 300 pounds of SOILIFE to the thousand square feet, (depending upon condition of soil), and hoe into surface soil.

### Setting Out Plants

If the ground is quite hard make the holes from about one-fourth to one-third larger, to

*"Makes Better Lawns and Gardens"*



allow the roots to grow out easily, (keep this also in mind when planting bushes and trees), and fill in with earth that has been mixed with about one-fifth SOILIFE, and firm well.

### **Shrubbery and Trees**

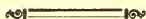
In borders or clusters SOILIFE should be used at the same rate as in a new lawn—500 or 600 pounds to the thousand square feet, hoeing or lightly digging it into the surface. Where specimens are surrounded by lawn, a common practice is to make holes staggered, or in a zig-zag path, around the tree or shrub at about the same distance from the trunk as the branches reach out overhead. These holes—six to eighteen inches deep and from twelve to twenty inches apart—may be made with a crowbar, and filled with SOILIFE only.

### **Outdoor Seed Beds**

Prepare the rows by mixing the soil in the proportion of about one-fourth SOILIFE to three-fourths earth, so that the tiny seedlings may be well started. Best results are usually obtained when seeds are planted with due regard to the proper depth and space. Do not permit the soil in the new seed bed to become dry.

### **For Potting and Greenhouses**

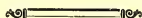
In window boxes, flower pots and greenhouse benches, the proportion of SOILIFE will vary a little according to the soil at hand, but the most commonly used mixture is one-sixth SOILIFE to five-sixths soil.



The chief value of humus, as all authorities agree, lies in the nice texture it gives to soil. The mineral value, which is of secondary importance, is shown below for SOILIFE. This is a condensed report from the most reliable

analyses, including those from such well known chemists as Gascoyne, Textor and Wiley.

Nitrogen .....	2.55	—	3.01
Ammonia equivalent .....	3.10	—	3.66
Available phosphoric acid...	.45	—	.48
Insoluble phosphoric acid ..	.07	—	.16
Total phosphoric acid .....	.52	—	.64
Potash—water soluble .....	.11	—	.20
Calcium oxide .....	12.40	—	9.55
Magnesium oxide .....	.10	—	.08



## Some Soilife Testimonials

During the past year I used your Soilife Humus in the garden with great satisfaction. It is the ideal thing for eliminating cracks in the lawn. I used it very liberally in the growing of our Dahlias, which I understand from different remarks made, were the finest in the vicinity of Cleveland.

WM. MAILER,

Gardener to O. P. & M. J. VAN SWERINGEN,  
SHAKER HEIGHTS, OHIO.

I have used Soilife on the greens of The Bemus Point Golf Links for the last four years, Spring and Fall. I used some three years ago on some of the fairways. I think that I got good results.

W. N. SPEAR, GREENKEEPER,  
BEMUS POINT, N. Y.

My results with Soilife in 1927 were very satisfactory. My perennials, annuals and roses never before made such growth. The mechanical condition of the soil (largely clay) was greatly improved.

JOHN H. BECKLEY, BUFFALO, N. Y.

I used the original 500 pounds sent me and have had some very striking results in the flower garden which is a hardy border as laid out by Hendersons of New York City. All the plants have made very remarkable growth from the time they have been transplanted. I am convinced that Soilife is everything you claim for it.

RAYMOND W. KARR, FORT WAYNE, IND.

Everything was so thrifty and of such sturdy growth that we could hardly believe our eyes. Last year we tried to raise some plants in the same soil and they were a sad failure. We certainly believe in Soilife and can heartily recommend it.

REV. R. E. BROWN, BUFFALO, N. Y.

*"Makes Better Lawns and Gardens"*



## Soilife

With your Soilife I have the finest lawn in the neighborhood. I also used it on my garden, flowers and shrubbery with wonderful results.

C. J. SMITH, YOUNGSTOWN, O.

I had the most beautiful and healthy plants I ever had in my life. All the neighbors and everyone wanted to know what I used and I told them, and told them where they could buy it.

MRS. G. J. WORST, DEWITT, N. Y.

Have given your Soilife a fair trial on the Bowling Greens and Golf Greens and am pleased to say it is all you claim for it. A splendid revivifier for greens that are over played, and a splendid tonic at any time. Shall keep a supply on hand at all times.

W. McCALL, GOLF AND BOWLING GREENS,  
BUFFALO, N. Y.

We used your fertilizer Soilife with wonderful results on our garden, lawns and flower beds. One of the fine qualities of Soilife is that there is no odor and it can be used freely and will not burn. I will use nothing else and hope I shall be able to get it locally next year.

R. E. SNEDDEN, ELLWOOD CITY, PA.

Found it excellent in conserving moisture and promoting growth. Like it very much as it keeps the garden plants from withering in dry weather and has a steady good effect on the growth of all plants and garden stuff. Fine results from use on lawn.

C. A. PUTNAM, BROCTON, N. Y.

Your Soilife works like magic and the results are not only a larger growth which matures earlier but, a better quality is produced. Planting beets, carrots, tomatoes and other vegetables with and without your fertilizer, as we have done, shows an astonishing difference in the fineness of the result.

J. G. MILLER, LANCASTER, N. Y.

*The names and addresses of additional testimonials, we will gladly furnish upon request.*

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